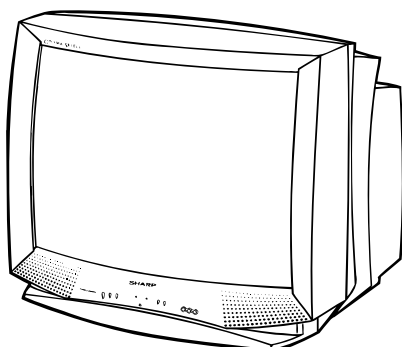


SHARP**SERVICE MANUAL**

S79J832L-S500

**COLOR TELEVISION****Chassis No. SN-93**
32L-S500, 32L-X2000
MODELS CL32S50, 36L-X2000

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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ELECTRICAL SPECIFICATIONS

POWER INPUT 120V AC 60 Hz

POWER RATING

32L-S500, CL32S50 145W

32L-X2000 150W

36L-X2000 165W

PICTURE SIZE

32L-S500, CL32S50, 32L-X2000 3,073cm² (476sq inch)36L-X2000 3,905cm² (605sq inch)

CONVERGENCE Magnetic

SWEEP DEFLECTION Magnetic

FOCUS Hi-Bi-Potential Electrostatic

INTERMEDIATE FREQUENCIES

Picture IF Carrier Frequency 45.75 MHz

Sound IF Carrier Frequency 41.25 MHz

Color Sub-Carrier Frequency 42.17 MHz
(Nominal)

AUDIO POWER

OUTPUT RATING 3W + 3W (at 10% distortion and
Dual CH Operate)

SPEAKER

SIZE 12 x 6 cm (2 pcs.)

VOICE COIL IMPEDANCE 6 ohm at 400 Hz

ANTENNA INPUT IMPEDANCE

VHF/UHF 75 ohm Unbalanced

TUNING RANGES

VHF-Channels 2 thru 13

UHF-Channels 14 thru 69

CATV Channels 1 thru 125
(EIA, Channel Plan U.S.A.)

Specifications are subject to change without prior notice.

SHARP CORPORATION

This document has been published to be used for after sales service only.

The contents are subject to change without notice.

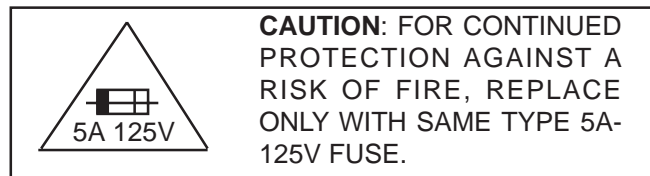
IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.
3. Semiconductor heat sinks are potential shock hazards when the chassis is operating.
4. The chassis in this receiver has two ground systems which are separated by insulating material. The non-isolated (hot) ground system is for the B+ voltage regulator circuit and the horizontal output circuit. The isolated ground system is for the low B+ DC voltages and the secondary circuit of the high voltage transformer.

To prevent electrical shock use an isolation transformer between the line cord and power receptacle, when servicing this chassis.



SERVICING OF HIGH VOLTAGE SYSTEM AND PICTURE TUBE

When servicing the high voltage system, remove the static charge by connecting a 10k ohm resistor in series with an insulated wire (such as a test probe) between the picture tube ground and the anode lead. (AC line cord should be disconnected from AC outlet.)

1. Picture tube in this receiver employs integral implosion protection.
2. Replace with tube of the same type number for continued safety.
3. Do not lift picture tube by the neck.
4. Handle the picture tube only when wearing shatterproof goggles and after discharging the high voltage anode completely.

X-RADIATION AND HIGH VOLTAGE LIMITS

1. Be sure all service personnel are aware of the procedures and instructions covering X-radiation. The only potential source of X-ray in current solid state TV receivers is the picture tube. However, the picture tube does not emit measurable X-Ray radiation, if the high voltage is as specified in the "High Voltage Check" instructions.
It is only when high voltage is excessive that X-radiation is capable of penetrating the shell of the picture tube including the lead in the glass material. The important precaution is to keep the high voltage below the maximum level specified.
2. It is essential that servicemen have available at all times an accurate high voltage meter.
The calibration of this meter should be checked periodically.
3. High voltage should always be kept at the rated value –no higher. Operation at higher voltages may cause a failure of the picture tube or high voltage circuitry and;also, under certain conditions, may produce radiation in exceeding of desirable levels.
4. When the high voltage regulator is operating properly there is no possibility of an X-radiation problem. Every time a colour chassis is serviced, the brightness should be tested while monitoring the high voltage with a meter to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. Do not use a picture tube other than that specified or make unrecommended circuit modifications to the high voltage circuitry.
6. When trouble shooting and taking test measurements on a receiver with excessive high voltage, avoid being unnecessarily close to the receiver.
Do not operate the receiver longer than is necessary to locate the cause of excessive voltage.

IMPORTANT SERVICE SAFETY PRECAUTION

(Continued)

BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

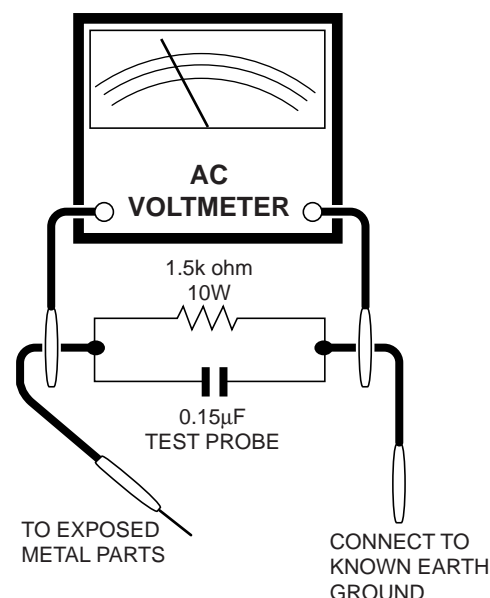
Before returning the receiver to the user, perform the following safety checks.

1. Inspect all lead dress to make certain that leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 120 volt AC outlet, (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to earth ground.
 - Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity to measure the AC voltage drop across the resistor.

- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC ine cord plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these check.)

Any current measured must not exceed 0.5 milliamp. Any measurements not within the limits outlined above indicate of a potential shock hazard and corrective action must be taken before returning the instrument to the customer.



SAFETY NOTICE

Many electrical and mechanical parts in television receivers have special safety-related characteristics. These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by " \triangle " and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

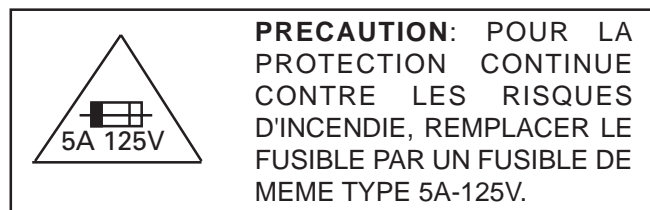
For continued protection, replacement parts must be identical to those used in the original circuit. The use of substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire, X-radiation or other hazards.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

■ **Ne peut effectuer la réparation qu' un technicien spécialisé qui s'est parfaitement accoutumé à toute vérification de sécurité et aux conseils suivants.**

AVERTISSEMENT

1. N'entreprendre aucune modification de tout circuit. C'est dangereux.
2. Débrancher le récepteur avant toute réparation.
3. Les déversoirs thermiques à semi-conducteurs peuvent présenter un danger de choc électrique lorsque le récepteur est en marche.
4. Le châssis de ce récepteur possède deux systèmes de masse qui sont séparées par du matériel d'isolation. Le système de masse non-isolée (sous tension) est pour le circuit du régulateur de tension B+ et le circuit de sortie horizontale. Le système de masse isolée est pour les tensions DC B+ basses et le circuit secondaire du transformateur haute tension. Pour éviter tout risque d'électrocution lors de l'entretien de ce châssis, utiliser un transformateur d'isolation entre le cordon de ligne et la prise de courant.



REPARATION DU SYSTEME A HAUTE TENSION ET DU TUBE-IMAGE

Lors de la réparation de ce système, supprimer la charge statique en branchant une résistance de 10 kΩ en série avec un fil isolé (comme une sonde d'essai) entre la mise à la terre du tube-image et le fil d'anode. (Le cordon d'alimentation doit être retiré de la prise murale.)

1. Le tube image dans ce récepteur emploie une protection intégrée contre l'implosion.
2. Par mesure de sécurité, changer le tube-image pour un tube du même numéro de type.
3. Ne pas lever le tube-image par son col.
4. Ne manipuler le tube-image qu'en portant des lunettes incassables et qu'après avoir déchargé totalement la haute tension.

LIMITES DES RADIATIONS X ET DE LA HAUTE TENSION

1. Tout le personnel réparateur doit être instruit des instructions et procédés relatifs aux radiations X. Le tube-image, seule source de rayons X dans les téléviseurs transistorisés, n'émet pourtant pas de rayons mesurables si la haute tension est maintenue à un niveau préconisé dans la section "Vérification de la haute tension". C'est seulement quand la haute tension est excessive que les rayons X peuvent entrer dans l'enveloppe du tube-image y compris le conducteur de verre. Il est important de maintenir la haute tension en-dessous du niveau spécifié.
2. Il est essentiel que le réparateur ait sous la main un voltmètre à haute tension qui doit être périodiquement étalonné.
3. La haute tension doit toujours être maintenue à la valeur de régime -et pas plus haute. L'opération à des tensions plus élevées peut entraîner une panne du tube-image ou du circuit à haute tension et, dans certaines conditions, peut entraîner une radiation dépassant les niveaux prescrits.
4. Quand le régulateur à haute tension fonctionne correctement, il n'y a aucun problème de radiation X. Chaque fois qu'un châssis couleurs est réparé, la luminosité doit être examinée tout en contrôlant la haute tension à l'aide d'un voltmètre pour s'assurer que la haute tension ne dépasse pas la valeur spécifiée et qu'elle soit correctement réglée.
5. Ne pas utiliser un tube-image autre que celui spécifié et ne pas effectuer de modifications déconseillées du circuit à haute tension.
6. Lors de la recherche des pannes et des mesures d'essai sur un récepteur qui présente une haute tension excessive, éviter de s'approcher inutilement du récepteur.
Ne pas faire fonctionner le récepteur plus longtemps que nécessaire pour localiser la cause de la tension excessive.

PRECAUTIONS A PRENDRE LORS DE LA REPARATION

(Suite)

VERIFICATIONS CONTRE L'INCEN-DIE ET LE CHOC ELECTRIQUE

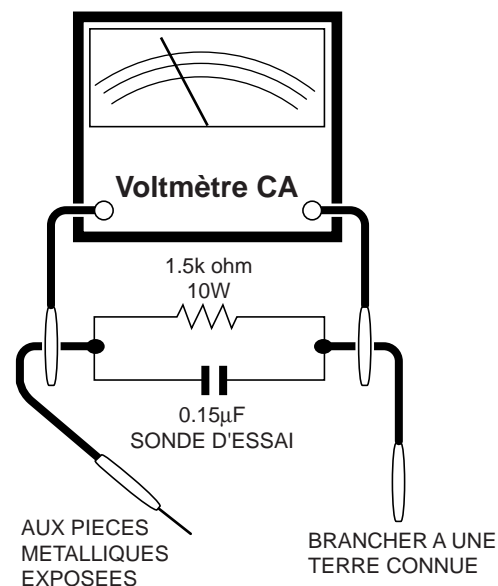
Avant de rendre le récepteur à l'utilisateur, effectuer les vérifications suivantes.

1. Inspecter tous les faisceaux de câbles pour s'assurer que les fils ne soient pas pincés ou qu'un outil ne soit pas placé entre le châssis et les autres pièces métalliques du récepteur.
2. Inspecter tous les dispositifs de protection comme les boutons de commande non-métalliques, les isolants, le dos du coffret, les couvercles ou blindages de réglage et de compartiment, les réseaux de résistance-capacité, les isolateurs mécaniques, etc.
3. S'assurer qu'il n'y ait pas de danger d'électrocution en vérifiant la fuite de courant, de la façon suivante:
 - Brancher le cordon d'alimentation directement à une prise de courant de 120V. (Ne pas utiliser de transformateur d'isolation pour cet essai).
 - A l'aide de deux fils à pinces, brancher une résistance de 1,5 k Ω 10 watts en parallèle avec un condensateur de 0,15 μ F en série avec toutes les pièces métalliques exposées du coffret et une terre connue comme une conduite électrique ou une prise de terre branchée à la terre.
 - Utiliser un voltmètre CA d'une sensibilité d'au moins 5000 Ω /V pour mesurer la chute de tension en travers de la résistance.

- Toucher avec la sonde d'essai les pièces métalliques exposées qui présentent une voie de retour au châssis (antenne, coffret métallique, tête des vis, arbres de commande et des boutons, écusson, etc.) et mesurer la chute de tension CA en-travers de la résistance. Toutes les vérifications doivent être refaites après avoir inversé la fiche du cordon d'alimentation. (Si nécessaire, une prise d'adaptation non polarisée peut être utilisée dans le but de terminer ces vérifications.)

Tous les courants mesurés ne doivent pas dépasser 0,5 mA.

Dans le cas contraire, il y a une possibilité de choc électrique qui doit être supprimée avant de rendre le récepteur au client.



AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les téléviseurs présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue. Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.

Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont

identifiées par la marque " ⚠ " et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques.

Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies, radiations X ou autres accidents.

LOCATION OF USER'S CONTROL

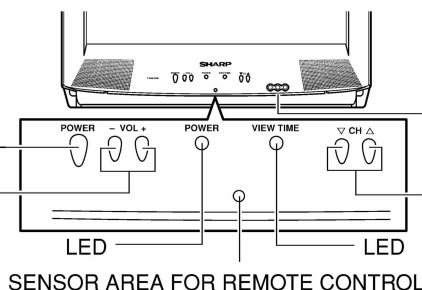
Front Panel

POWER

Press → On.
Press again → Off.

VOLUME UP/DOWN

(+) Increases sound.
(-) Decreases sound.



VIDEO/AUDIO IN 2 TERMINALS

(VIDEO/AUDIO terminals are also provided on the rear.)

CHANNEL UP/DOWN

(▲) Selects next higher channel.
(▼) Selects next lower channel.

Basic Remote Control Functions

POWER

Press → On.
Press again → Off.

REMOTE KEYPAD

Accesses any channel from keypad.

FLASHBACK

Returns to previous channel.

PERSONAL PREFERENCE

With the Personal Preference buttons, you can program your favorite programs by using the 4 categories A, B, C and D. The channels can be accessed quickly by using these buttons.

VOLUME UP/DOWN

(+) Increases sound.
(-) Decreases sound.

- In menu mode, changes or selects the TV adjustments.

TV-CATV MODE SELECT SWITCH

In TV position, sends power and channel select commands (Channel up/down and Random Access buttons) to the TV.

In CATV position, sends power and channel select commands to a cable TV converter.

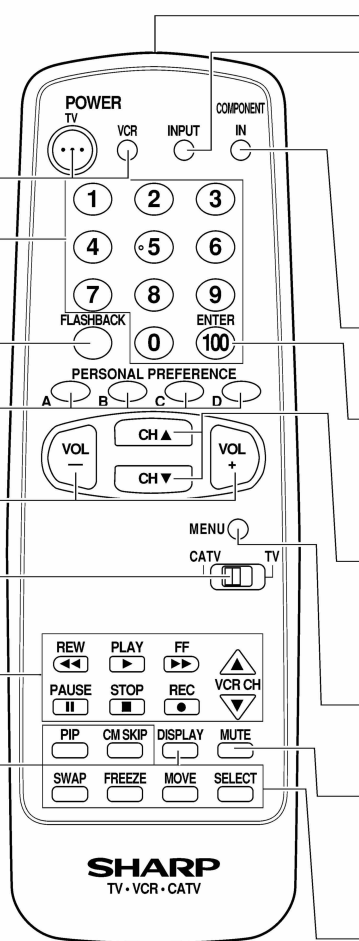
VCR CONTROL

DISPLAY

Press → Display receiving channel for 4 seconds.

Press again → Displays remaining time of SLEEP TIMER and VIEW TIMER.

Press 3 times → Temporarily displays receiving channel when in Closed Caption mode.



Infrared Transmitter Window

INPUT

Press → Switch to external video INPUT 1 mode.

Press again → Switch to external video INPUT 2 mode.

Press 3 times → Switch to external video INPUT 3 mode. (Only for 32/36L-X2000)

Press 4 times → Switch back to the original TV mode.

COMPONENT INPUT (Only for 32/36L-X2000)

Used to select On or Off a DTV or DVD when you connect to Component Input Terminals.

ENTER

Used in some instances where a VCR or Cable Converter Box requires an "enter" command after selecting channels, when using the REMOTE KEYPAD button.

CHANNEL UP/DOWN

(▲) Selects next higher channel.
(▼) Selects next lower channel.

- Moves the "►" mark of the MENU screens.

MENU

Press → Accesses MAIN MENU.

Press again → Exits MAIN MENU.

MUTE

Press → Mutes sound.

Press again → Restores sound.

- CLOSED CAPTION appears when sound is muted.

PIP FUNCTION

With the VIDEO inputs, you can watch two pictures at the same time.

Note:

- The above shaded buttons on the Remote Control glow in the dark. To use the glow-in-the-dark display on the remote control, place it under a fluorescent light or other lighting.
- The phosphorescent material contains no radioactive or toxic material, so it is safe to use.
- The degree of illumination will vary depending on the strength of lighting used.
- The degree of illumination will decrease with time and depending on the temperature.
- The time needed to charge the phosphorescent display will vary depending on the surrounding lighting.
- Sunlight and fluorescent lighting are the most effective when charging the display.

INSTALLATION AND SERVICE INSTRUCTIONS

Note: (1) When performing any adjustments to resistor controls and transformers use non-metallic screwdrivers or TV alignment tools.
(2) Before performing adjustments, the TV set must be on at least 15 minutes.

CIRCUIT PROTECTION

The receiver is protected by a 5.0A fuse (F701), mounted on PWB-C, wired into one side of the AC line input.

X-RADIATION PROTECTOR CIRCUIT TEST

After service has been performed on the horizontal deflection system, high voltage system, B+ system, test the X-Radiation protection circuit to ascertain proper operation as follows:

1. Apply 120V AC using a variac transformer for accurate input voltage.
2. Allow for warm up and adjust all customer controls for normal picture and sound.
3. Receive a good local channel.
4. Connect a digital voltmeter to TP653 and make sure that the voltmeter reads $11.83 \pm 0.7V$ (32L-S500, CL32S50, 32L-X2000)/ $11.80 \pm 0.7V$ (36L-X2000).
5. Apply external 14.5V DC at TP653 by using an external DC supply, TV must be shut off.
6. To reset the protector, unplug the AC cord and plug the AC cord power on. Now make sure that normal picture appears on the screen.
7. If the operation of the horizontal oscillator does not stop in step 5, the circuit must be repaired before the set is returned to the customer.

HIGH VOLTAGE CHECK

High voltage is not adjustable but must be checked to verify that the receiver is operating within safe and efficient design limitations as specified checks should be as follows:

1. Connect an accurate high voltage meter between ground and anode of picture tube.
2. Operate receiver for at least 15 minutes at 120V AC line voltage, with a strong air signal or a properly tuned in test signal.
3. Enter the service mode and select the service No. "S21" and Bus data "01" (Y-mute on).
4. The voltage should be approximately, 32.8kV (at zero beam).

If a correct reading cannot be obtained, check circuitry for malfunctioning components. After the voltage test, make Y-mute off to the normal mode.

For adjustments of this model, the bus data is converted to various analog signals by the D/A converter circuit.

Note: There are still a few analog adjustments in this series such as focus and master screen voltage. Follow the steps below whenever the service adjustment is required. See "Table-C" to determine, if service adjustments are required.

1. Service Mode

Before putting unit into the service mode, check that customer adjustments are in the normal mode. Use the reset function in the video adjustment menu to ensure customer controls are in their proper (reset) position.

2. Service Number Selection

Once in the service mode, press the Ch-up or Ch-down button on the remote controller or at the set. The service adjustment number will vary in increments of one, from "S01" to "C14". Select the item you wish to adjust.

3. Data Number Selection

Press the Vol-up or down button to adjust the data number.

To enter the service mode and exit service mode.

While pressing the Vol-up and Ch-up buttons at the sametime, plug the AC cord into a wall socket. Now the TV set is switched on and enters the service mode.
To exit the service mode, turn the television off by pressing the power button.

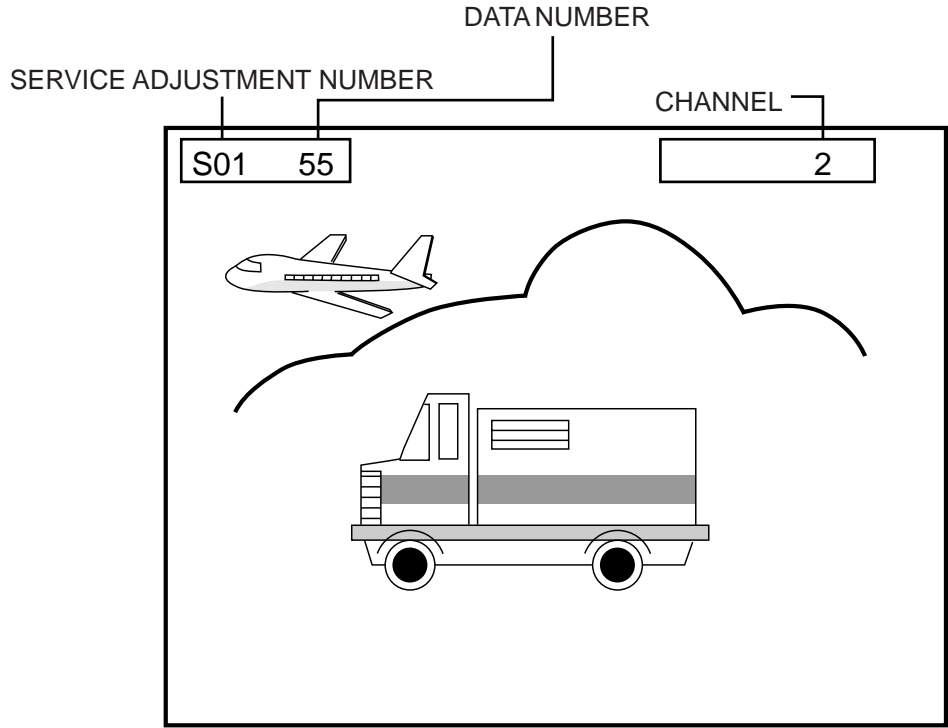


Figure A.

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS
		INITIAL VALUE	RANGE	
S01	PICTURE HEIGHT	71	00~127	Must be set to "40" *36L-X2000 Must be set to "37"
S02	V-LINEARITY	27	00~31	
S03	V-S CORRECTION	40	00~63	
S04	PICTURE WIDTH	50	00~63	
S05	E-W PARABOLA	15	00~63	
S06	E-W CORNER	13	00~31	
S07	TRAPEZIUM	65	00~127	Must be set to "01"
S08	AGC SW	01	00~01	
S09	PICTURE (SUB CONTRAST)	20	00~31	
S10	TINT	31	00~63	
S11	COLOR (SUB COLOR)	15	00~31	
S12	BRIGHT (BRIGHTNESS)	58	00~101	
S13	SHARP (SHARPNESS)	00	00~27	Must be set to "00"
S14	V-POSITION	00	00~07	Must be set to "00"
S15	H-POSITION	17	00~31	
S16	R CUT-OFF	64	00~255	
S17	G CUT-OFF	64	00~255	
S18	B CUT-OFF	64	00~255	
S19	G (R) DRIVE	64	00~127	
S20	B DRIVE	64	00~127	
S21	Y-MUTE/V-OFF	00	00~02	"00" = NORMAL, "01" = No Y, "02" = No VERTICAL
S22	Y- γ CURVE	03	00~03	Must be set to "03"
S23	VSM PHASE	01	00~03	Must be set to "02"
S24	APACON PEAK f0	01	00~07	Must be set to "01"
S25	DC RESTORATION RATE	21	00~63	Must be set to "21"
S26	DC RESTORATION LIMIT	00	00~03	Must be set to "00"
S27	BLACK STRETCH POINT	03	00~07	Must be set to "03"
S28	APL VS BPS	01	00~03	Must be set to "01"
S29	B.L.C.	01	00~01	Must be set to "01"
S30	DYNAMIC ABL POINT	04	00~07	Must be set to "04"
S31	DYNAMIC ABL GAIN	04	00~07	Must be set to "04"
S32	ABL POINT	03	00~07	Must be set to "03"
S33	ABL GAIN	03	00~07	Must be set to "03"
S34	Y-DL	01	00~01	Must be set to "00"
S35	TOF-f0	07	00~07	Must be set to "07"
S36	TOF-Q	04	00~07	Must be set to "04"
S37	VSM GAIN	01	00~03	Must be set to "01"
S38	OSD SL	00	00~01	Must be set to "00"
S39	C-DECODE	161	00~255	Must be set to "161"
S40	OSD POSITION	11	00~15	
S41	NERGY SAVE	10	00~53	Must be set to "10"
S42	VIDEO TINT	26	00~63	
M01	INPUT LEVEL (ATT)	07	00~15	
M02	MTS VCO	37	00~63	
M03	FILTER	30	00~63	
M04	WIDE BAND	35	00~63	
M05	SPECTRAL	22	00~63	
P01	PIP Y-LEVEL (CONTRAST)	43	00~127	
P02	PIP TINT (TINT)	41	00~63	Must be set to "41"
P03	PIP COLOR (COLOR-SAT)	55	00~127	
P04	Y-OFFSET (Y-OFFSET)	09	00~31	Must be set to "09"
P05	PIP H-POSI (HXA)	10	00~255	Must be set to "10"
P06	BGP (HADJ)	00	00~15	Must be set to "00"
P07	FREE RUN (FREE-RUN-ADJ)	11	00~15	Must be set to "11"
C01	PICTURE-C (SUB CONTRAST)	20	00~31	Must be set to "20"
C02	TINT-C	21	00~63	Must be set to "21"
C03	COLOR-C (SUB COLOR)	15	00~63	Must be set to "15"

Table - A

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS
		INITIAL VALUE	RANGE	
C04	BRIGHT-C (BRIGHTNESS)	58	00~101	Must be set to "00" Must be set to "00"
C05	SHARP-C (SHARPNESS)	00	00~27	
C06	V-POSITION-C	00	00~07	
C07	H-POSITION-C	19	00~31	
C08	R CUT-OFF-C	64	00~255	
C09	G CUT-OFF-C	64	00~255	
C10	B CUT-OFF-C	64	00~255	
C11	G (R) DRIVE-C	64	00~127	
C12	B DRIVE-C	64	00~127	
C13	VSM GAIN-C	02	00~03	
C14	COMP. C-DECODER	105	00~255	Must be set to "02" Must be set to "105"

Table - A

SERVICE NUMBER	ADJUSTMENT ITEM	DATA		ADJUSTMENT CONTENTS	
		INITIAL VALUE	RANGE	32L-S500, CL32S50	32/36L-X2000
I01	E-SOUND	01	00 / 01	01	01
I02	DSE	01	00 / 01	00	01
I03	SRS	01	00 / 01	00	01
I04	SRS 32, 36/27	01	00 / 01	01	01
I05	A/V IN 3/2	01	00 / 01	00	01
I06	V-CHIP	01	00 / 01	01	01
I07	PIP ON/OFF	01	00 / 01	01	01
I08	COMPONENT	01	00 / 01	00	01
I09	ENGL/ESPA	01	00 / 01	01	01
I10	DSE SHIPPED POSITION	00	00 / 01	00	00

Table - B

Holding down both the CH-up/down buttons on the TV set at service mode for more than 2 seconds will automatically write the above initial values into IC2002.

PART REPLACED	ADJUSTMENT		NOTES
	NECESSARY	UNNECESSARY	
IC2001		X	Data is stored in IC2002.
IC401	X		The adjustment is needed to compensate for characteristics of parts including IC401.
IC2002	X		Holding down both the CH-up/down buttons on the TV set in the service mode for more than 2 seconds will automatically write the above initial values into IC2002. Then perform a complete adjustment.
CRT	X		Adjust items related to picture tube only.
IC3001	X		Adjust items related to MTS only (M01~M05).
IC1801	X		Adjust items related to P-IN-P only (P01~P07).

Table - C

■ SERVICE ADJUSTMENT

Screen Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "S11" and set the data value to "00" to set the color level to minimum. (Record original data code under No. "S11" before changing) You may skip this step, if you selected a B/W picture or monoscope pattern.
3. Select the service No. "S21" and adjust the data value to "01", this turn off the luminance signal (Y-mute).
4. Select the service No. "S12" and adjust data value to "58".
5. Adjust the master screen control until the raster darkens to the point where raster is barely seen.
6. Adjust the service numbers "S16" red, "S17" green and "S18" blue to obtain a good grey scale with normal whites at low brightness level.
7. Select the service No. "S21" and reset data to "00". Select the service No. "S11" and reset data to obtain normal color level.
8. Reset the master screen control to obtain normal brightness range.

White Balance Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "S11" and set to "00" (minimum color)(Record original data code under adjustment "S11" before changing). "S11" does not have to be adjusted, if you selected a B/W picture or monoscope pattern.
3. Alternately adjust the service numbers "S19" and "S20" until a good grey scale with normal whites is obtained.
4. Select the service No. "S11" and adjust data to obtain normal color level.

Sub-Picture Adjustment

1. Receive a good local channel.
2. Make sure the customer picture control is set to maximum.
3. Enter the service mode and select the service No. "S09".
4. Adjust the data value to achieve normal contrast range.

Sub-Tint Adjustment

1. Receive a good local channel.
2. Set customer tint control to center of it's range.
3. Enter the service mode and select the service No. "S10".
4. Adjust "S10" data value to obtain normal flesh tones.

Sub-Color Adjustment

1. Receive a good local channel.
2. Make sure the customer color control is set to center position .
3. Enter the service mode and select the service No. "S11".
4. Adjust "S11" data value to obtain normal color level.

Sub-Brightness Adjustment

1. Receive a good local channel.
2. Make sure the customer brightness control is set to center position.
3. Enter the service mode and select the service No. "S12".
4. Adjust "S12" data value to obtain normal brightness level.

Vertical Linearity Adjustment

1. Receive a good CATV channel.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S02".
4. While observing the top and bottom of the screen, adjust "S02" data value to proper vertical linearity.

Vertical Phase Adjustment

1. Enter the service mode and select the service No. "S14".
2. Adjust data value to "00".
Note: This must be set "00" when changed data retrace line will appear.

Vertical-Size Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "S01".
3. While observing the top and bottom of the screen, adjust "S01" data value to proper vertical size.

Side Pincushion Adjustment

1. Receive a good CATV channel or crosshatch pattern signal.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S05".
4. Adjust the data of service No. "S05" so that the outermost line on the screen be straight.

Horizontal Position Adjustment

1. Receive a good CATV channel or crosshatch pattern signal.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S15".
4. Adjust so that the left and right overscans are equal to each other.

Horizontal Size Adjustment

1. Receive a good CATV channel or crosshatch pattern signal.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S04".
4. Vary the data of service No. "S04" to obtain the best horizontal size.

Trapezoidal Distortion Adjustment

1. Receive a good CATV channel or crosshatch pattern signal.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S07".
4. Adjust so that the leftmost and rightmost vertical lines are parallel to each other.

Corner Distortion Adjustment

1. Receive a good CATV channel or crosshatch pattern signal.
2. Set to standard setting mode.
3. Enter the service mode and select the service No. "S06".
4. Adjust so that the vertical lines should be straight.

Caption Position Adjustment (Horizontal)

1. Receive a good local channel.
2. Enter the service mode and select the service No. "S40".
3. A black text box appears on the screen. (see **Figure B** below)
4. Adjust "S40" data value so that text box is positioned in the center of the screen.

Sharpness Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "S13".
3. Adjust data value to "00" (center of data range).

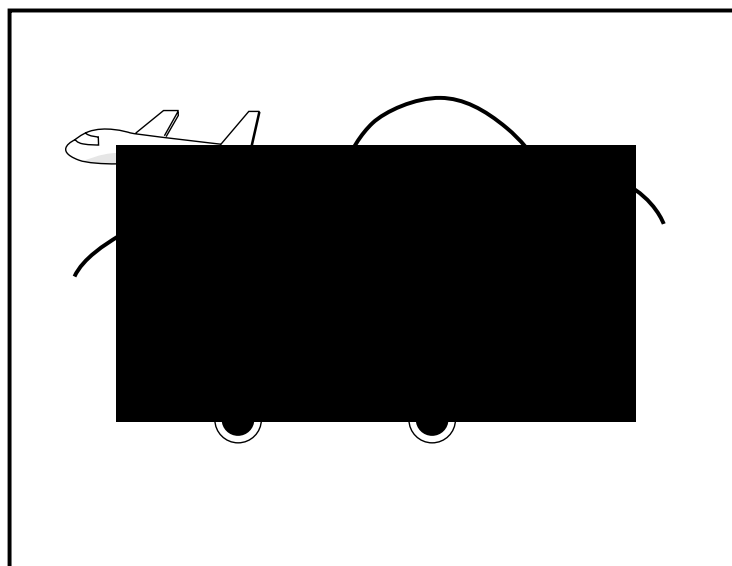


Figure B.

■ MTS ADJUSTMENT

MTS Level Adjustment

1. Feed the following monaural signal to pin (14) of IC3001.
Monaural signal : 300Hz, 245mVrms
2. Connect the rms voltmeter to pin (39) of IC3001.
3. Enter the service mode and select the service No. "M01".
4. Adjust the data so that the rms voltmeter reads.
Spec : 490 ± 10 mVrms.

MTS VCO Adjustment

1. Keep the unit in no-signal state.
2. Connect the frequency counter to pin (39) of IC3001.
3. Connect a capacitor (100 μ F, 50V) in between positive(+) side of C3005 and ground.
4. Enter the service mode and select the service No. "M02".
5. Adjust the data so that the frequency counter reads.
Spec : 62.94 ± 0.75 kHz.

Filter Adjustment

1. Feed the following stereo pilot signal to pin (14) of IC3001 .
Stereo pilot signal: 9.4kHz, 600mVrms.
2. Enter the service mode and select the service No. "M03".
3. Adjust the data until "OK" appears in position on the screen. Make sure the "OK" is displayed almost at the center of the data range.

Separation Adjustment

1. Connect the rms voltmeter to pin (39) of IC3001.
2. Receive the following composite stereo signal 1.
Composite stereo signal: 30% modulation, left channel only, noise reduction on, 300Hz
3. Enter the service mode and select the service No. "M04".
4. Adjust the data until the AC voltage reading of the rms voltmeter is minimum.
5. Receive the following composite stereo signal 2.
Stereo signal: 30% modulation, left channel only, noise reduction on, 3kHz
6. Enter the service mode and select the service No. "M05".
7. Adjust the data until the AC voltage reading of the rms voltmeter is minimum.
8. Take the above steps 1 thru 7 again for fine adjustment.

■ P-IN-P ADJUSTMENT

P-IN-P Y Level Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P01".
3. Adjust "P01" data value to obtain normal contrast level.

P-IN-P TINT Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P02".
3. Adjust data value to "41".

P-IN-P Color Adjustment

1. Receive a good local channel.
2. Make sure the customer color control is set to center position.
3. Enter the service mode and select the service No. "P03".
4. Adjust "P03" data value to obtain normal color level.

P-IN-P Y-Off Set Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P04".
3. Adjust data value to "09".

P-IN-P H-Position Adjustment

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P05".
3. Adjust data value to "10".

P-IN-P Burst Gate Pulse (for MAIN)

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P06".
3. Adjust data value to "00".

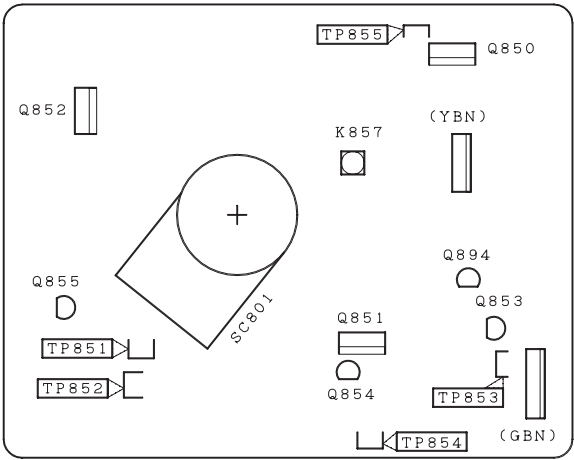
P-IN-P Free Run

1. Receive a good local channel.
2. Enter the service mode and select the service No. "P07".
3. Adjust data value to "11".

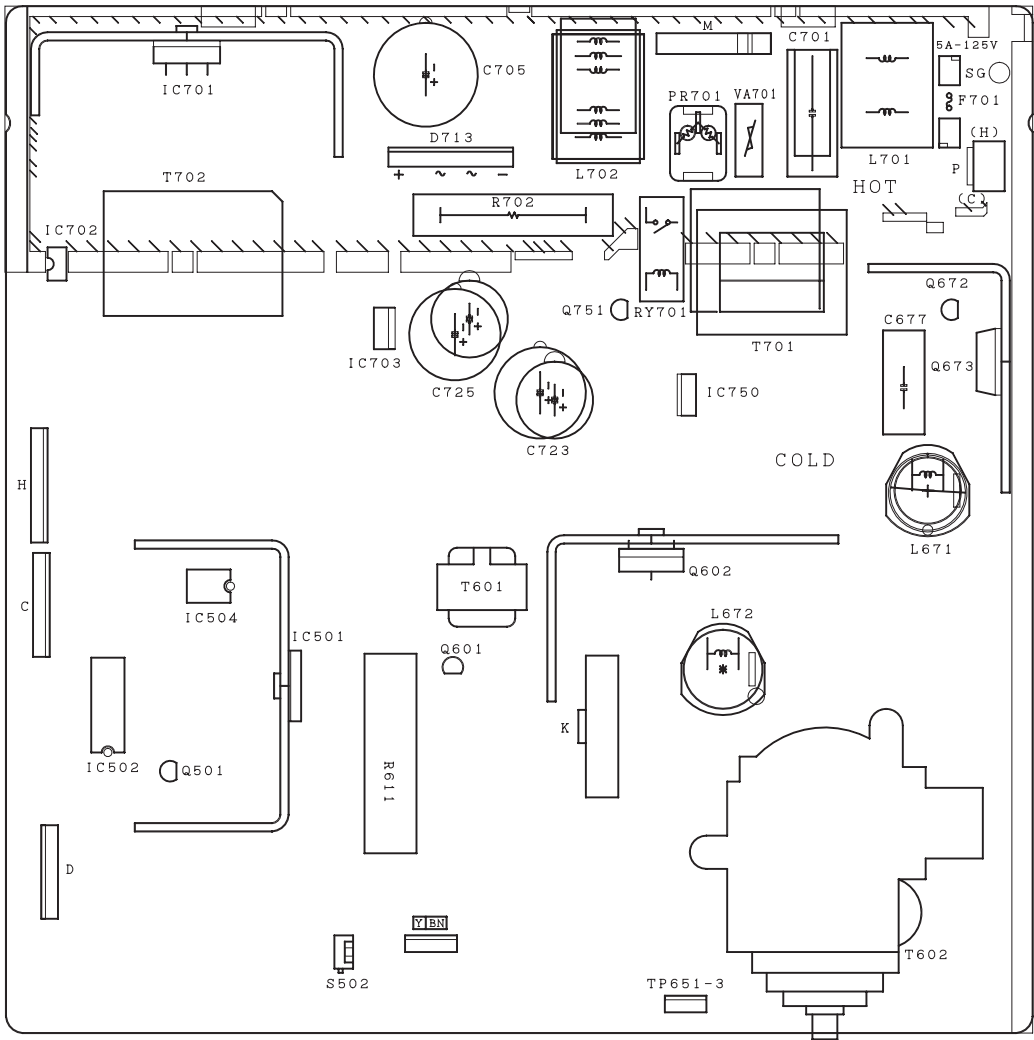
MODELS 32L-S500, CL32S50 CHASSIS LAYOUT

H
G
F
E
D
C
B
A

PWB-B

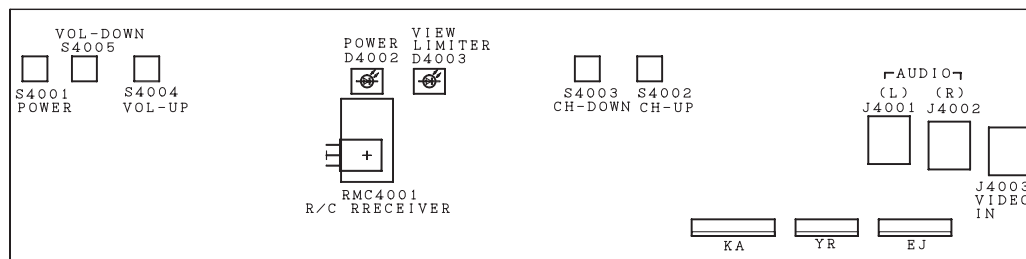


PWB-C

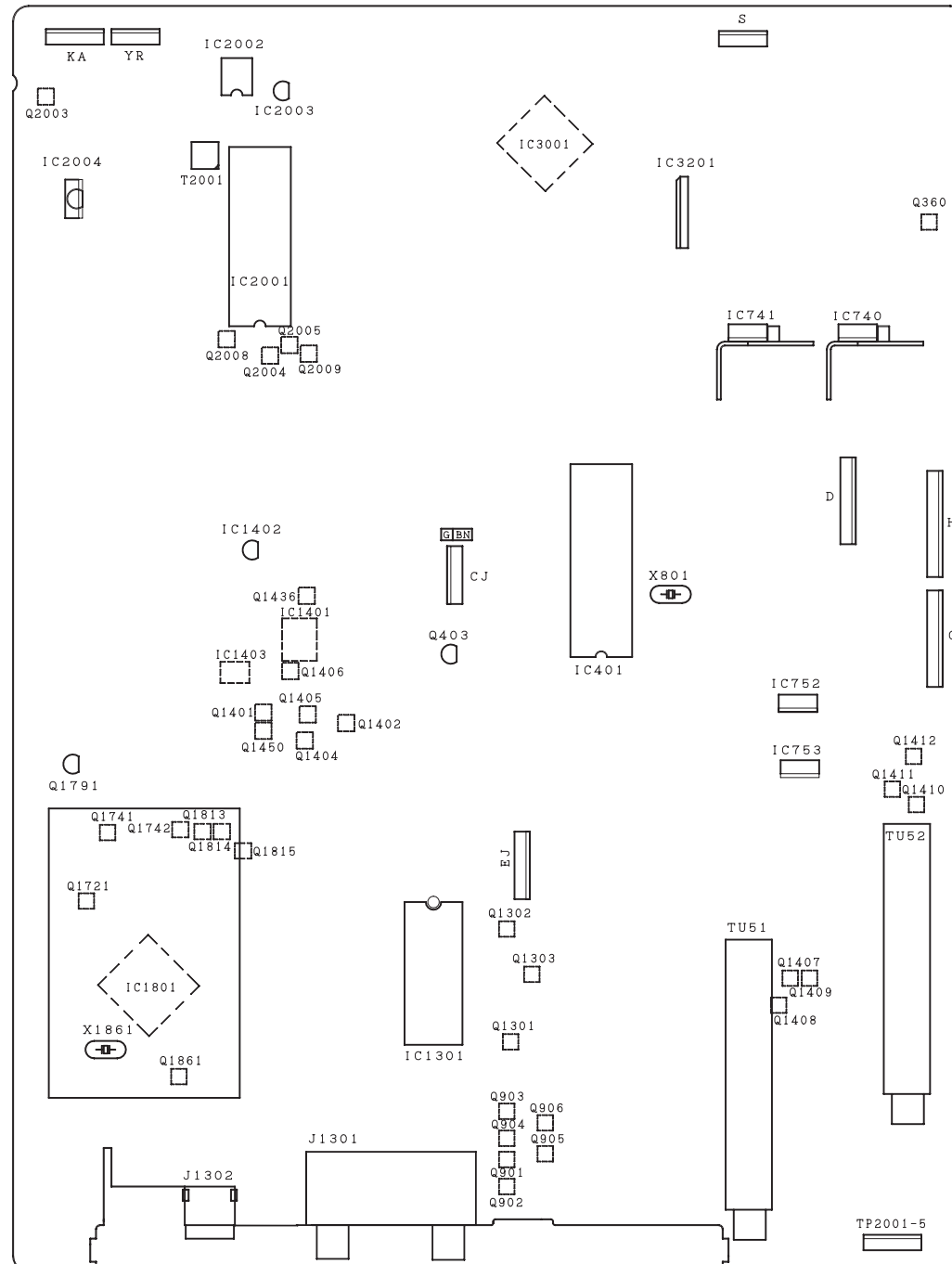


1 2 3 4 5 6 7 8 9 10

PWB-F

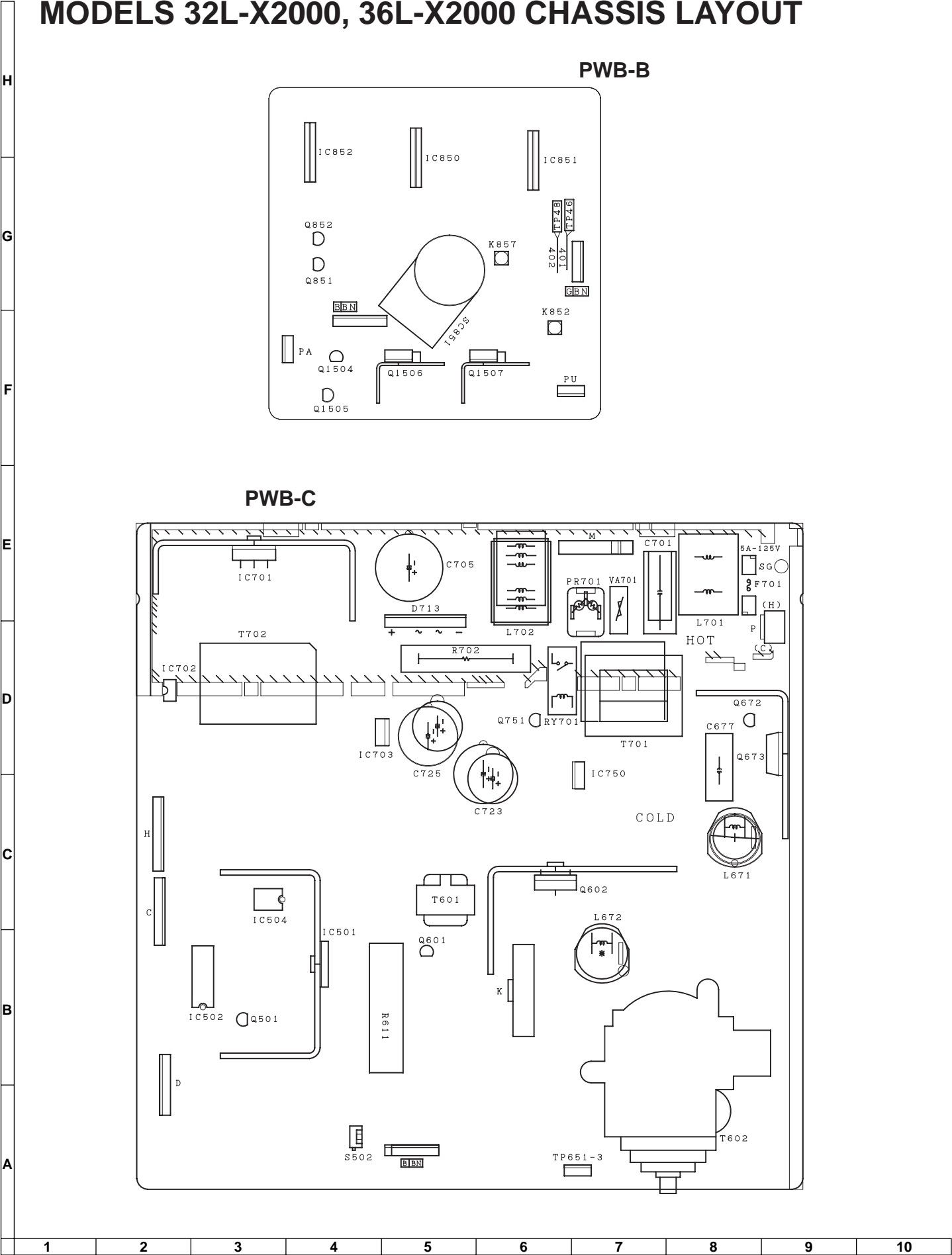


PWB-A

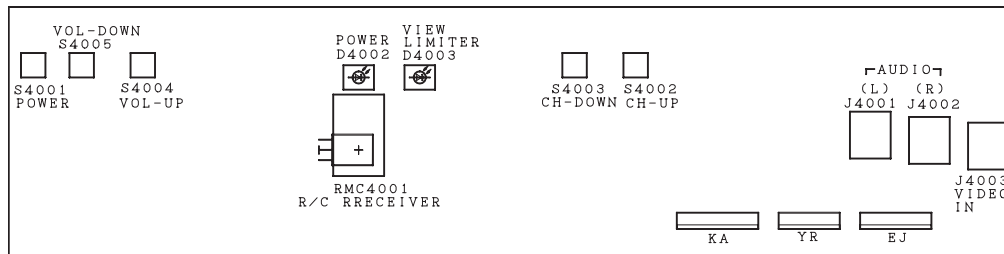


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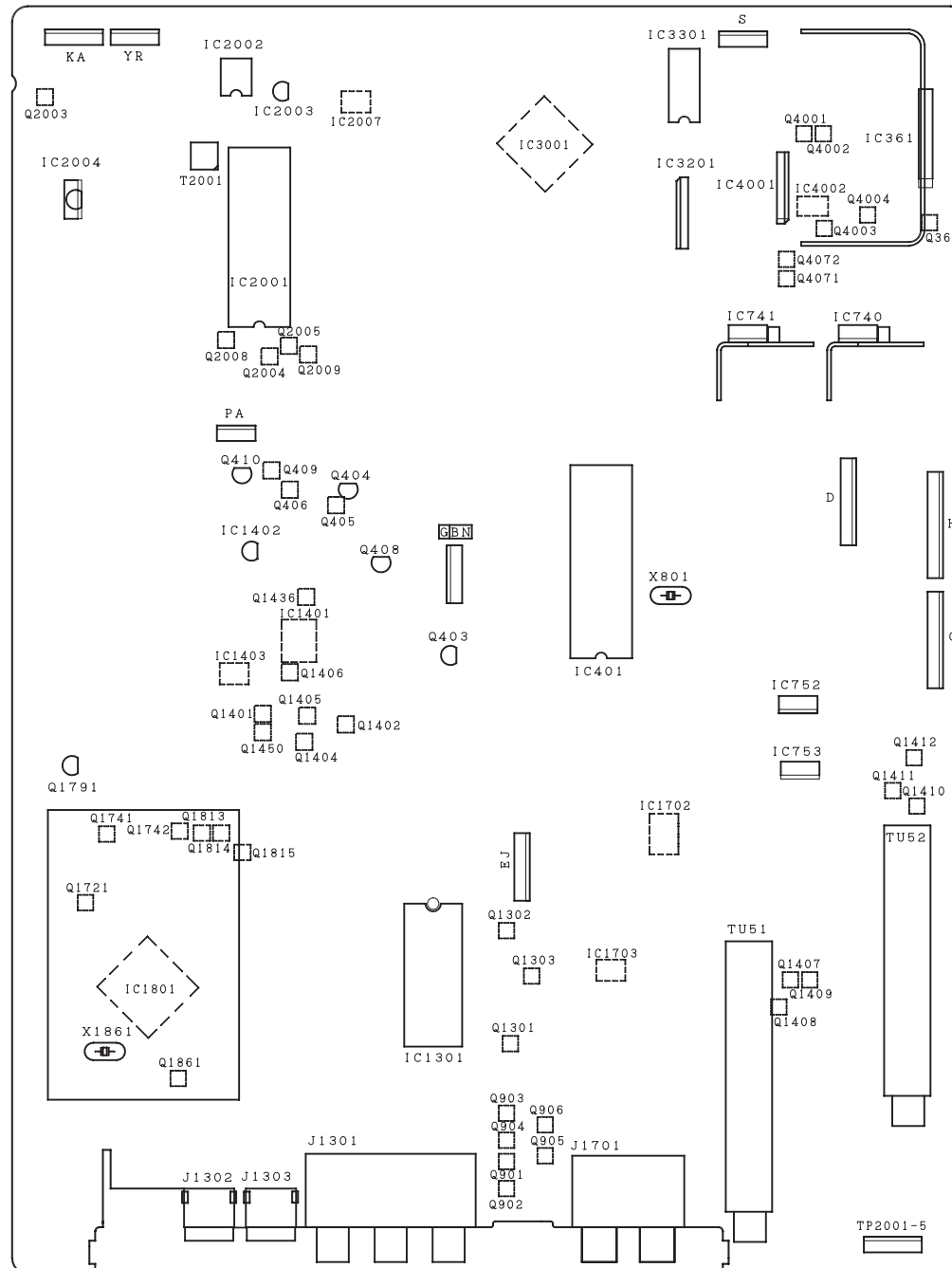
MODELS 32L-X2000, 36L-X2000 CHASSIS LAYOUT



PWB-F

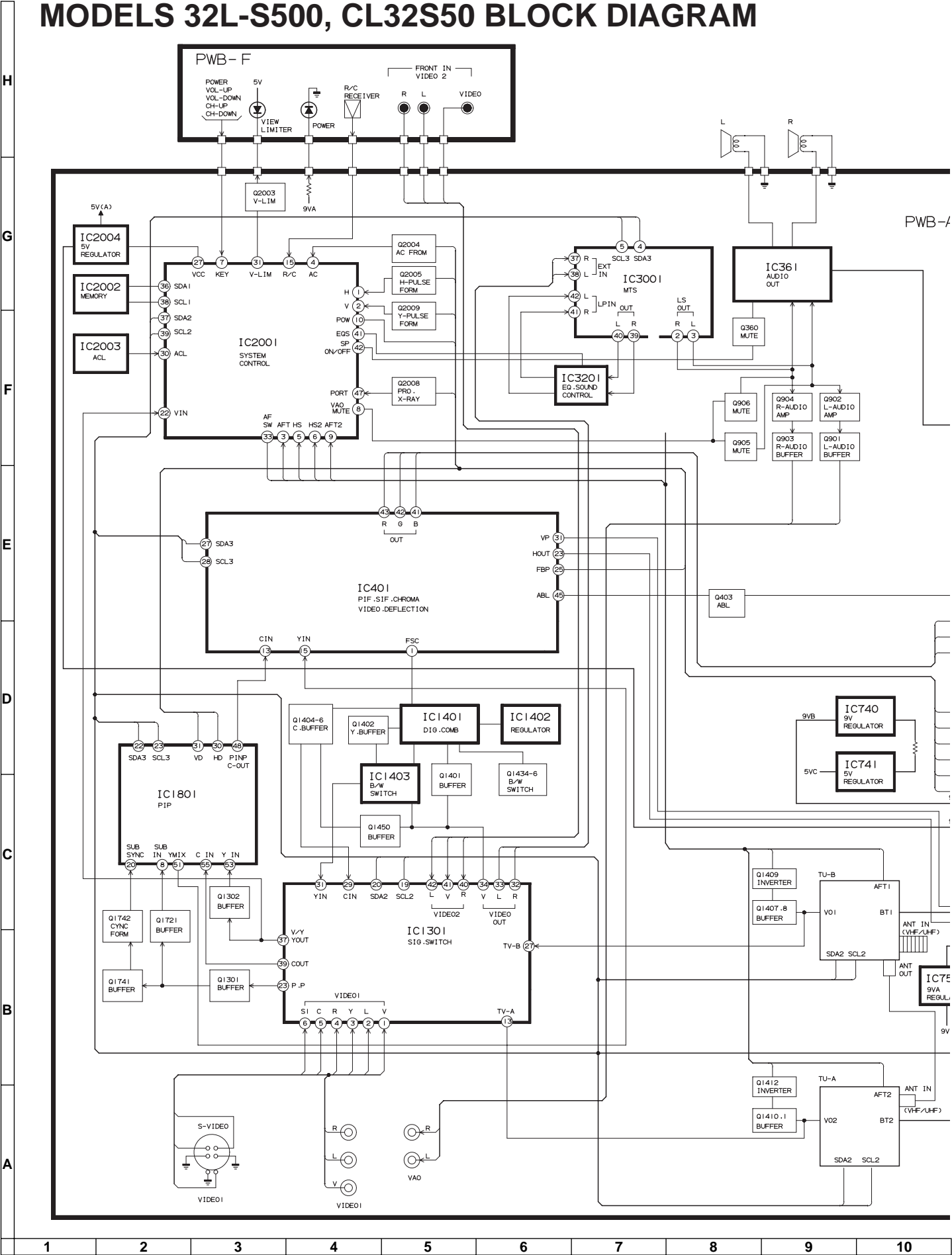


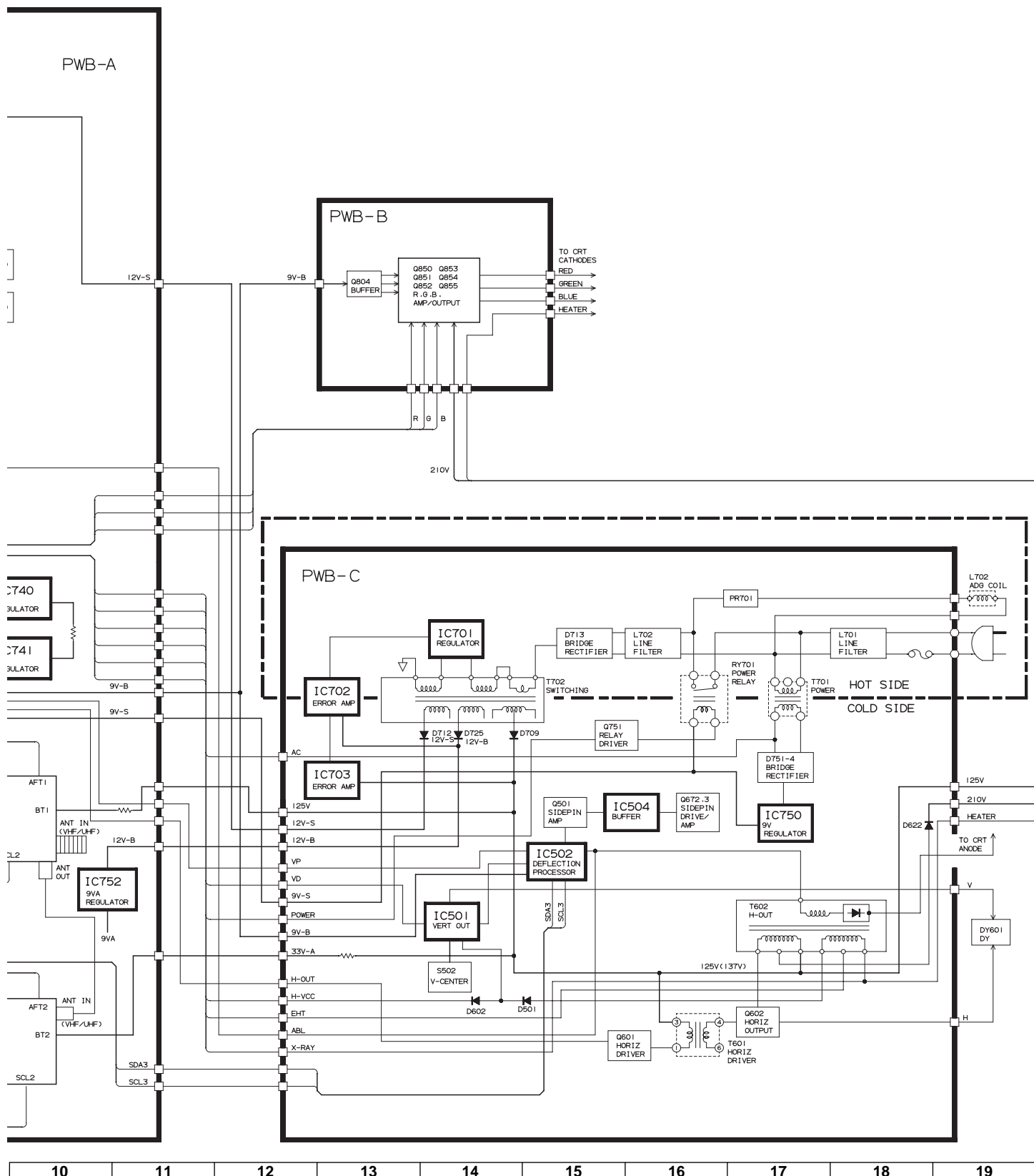
PWB-A



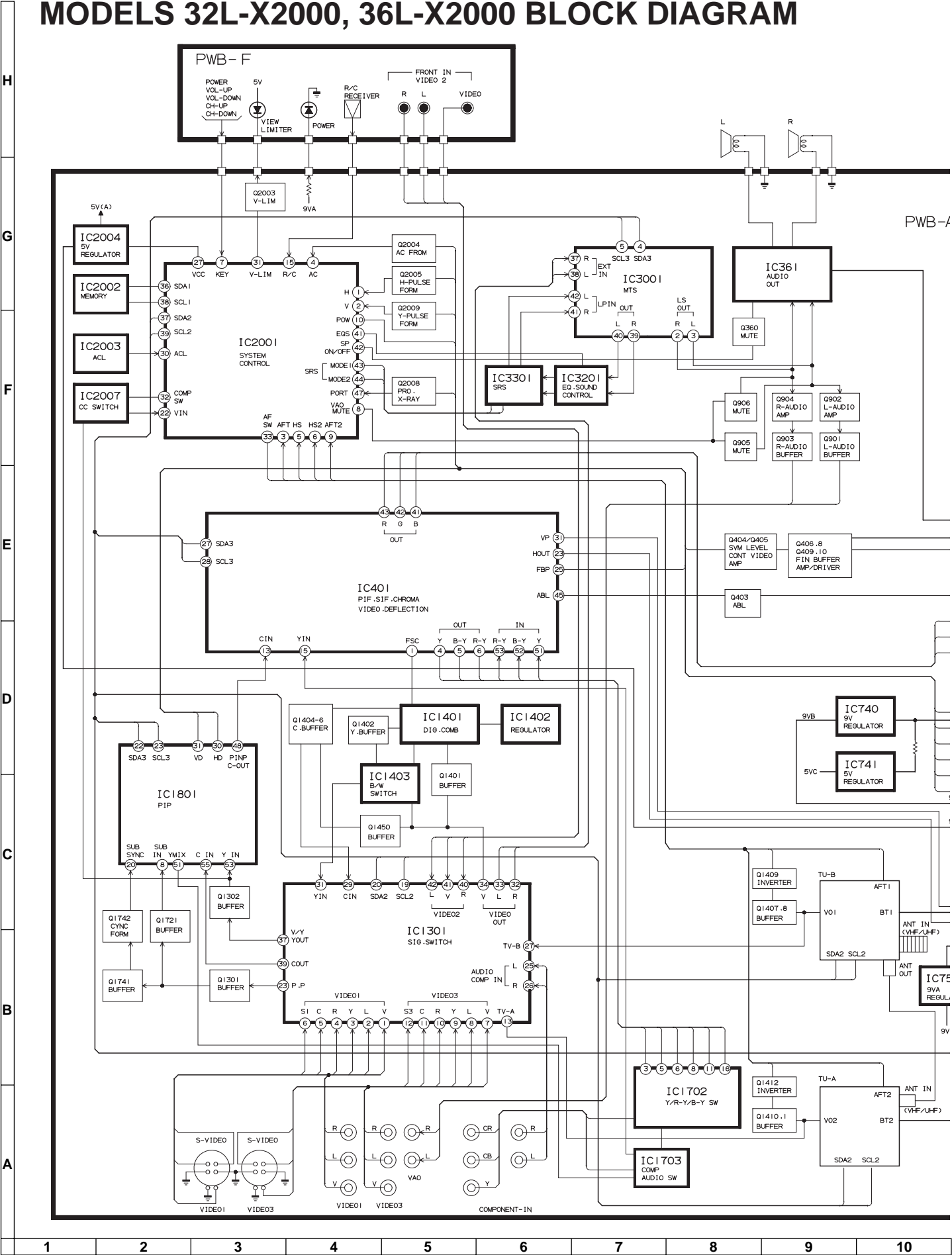
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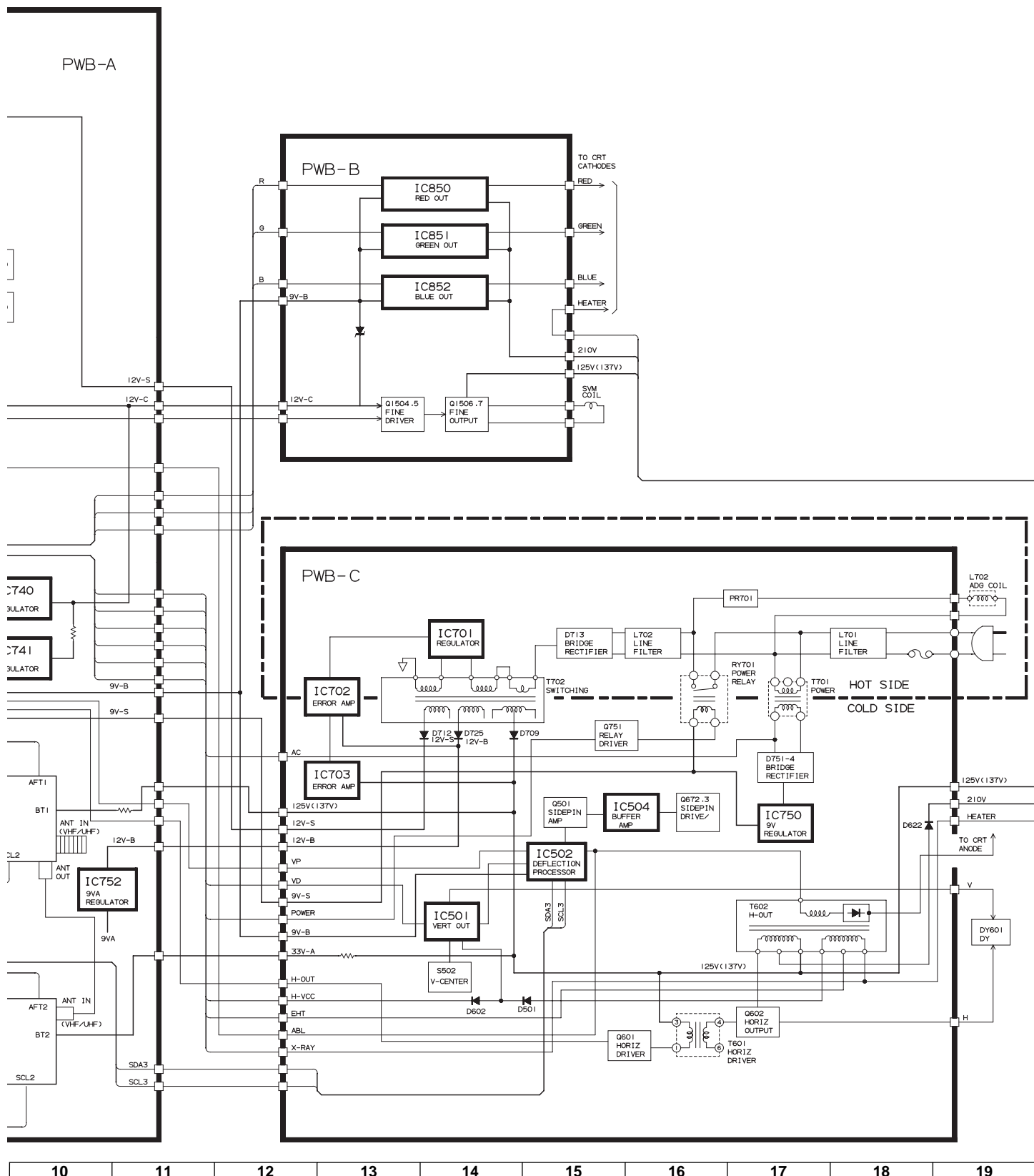
MODELS 32L-S500, CL32S50 BLOCK DIAGRAM





MODELS 32L-X2000, 36L-X2000 BLOCK DIAGRAM





DESCRIPTION OF SCHEMATIC DIAGRAM

NOTES:

- 1. The unit of resistance "ohm" is omitted.
(K=kΩ=1000Ω, M=MΩ)
- 2. All resistors are 1/16 watt, unless otherwise noted.
- 3. All capacitors are μ F, unless otherwise noted.
(P=pF=μμF)
- 4. (G) indicates ±2% tolerance may be used.
- 5. ⊥ indicates line isolated ground.
- 6. ↕ indicates hot ground.

VOLTAGE MEASUREMENT CONDITIONS:

- 1. All DC voltages are measured with DVM connected between points indicated and chassis ground, line voltage set at 120V AC and all controls set for normal picture unless otherwise indicated.
- 2. All voltages measured with 1000μ V B & W or Color signal.

WAVEFORM MEASUREMENT CONDITIONS:

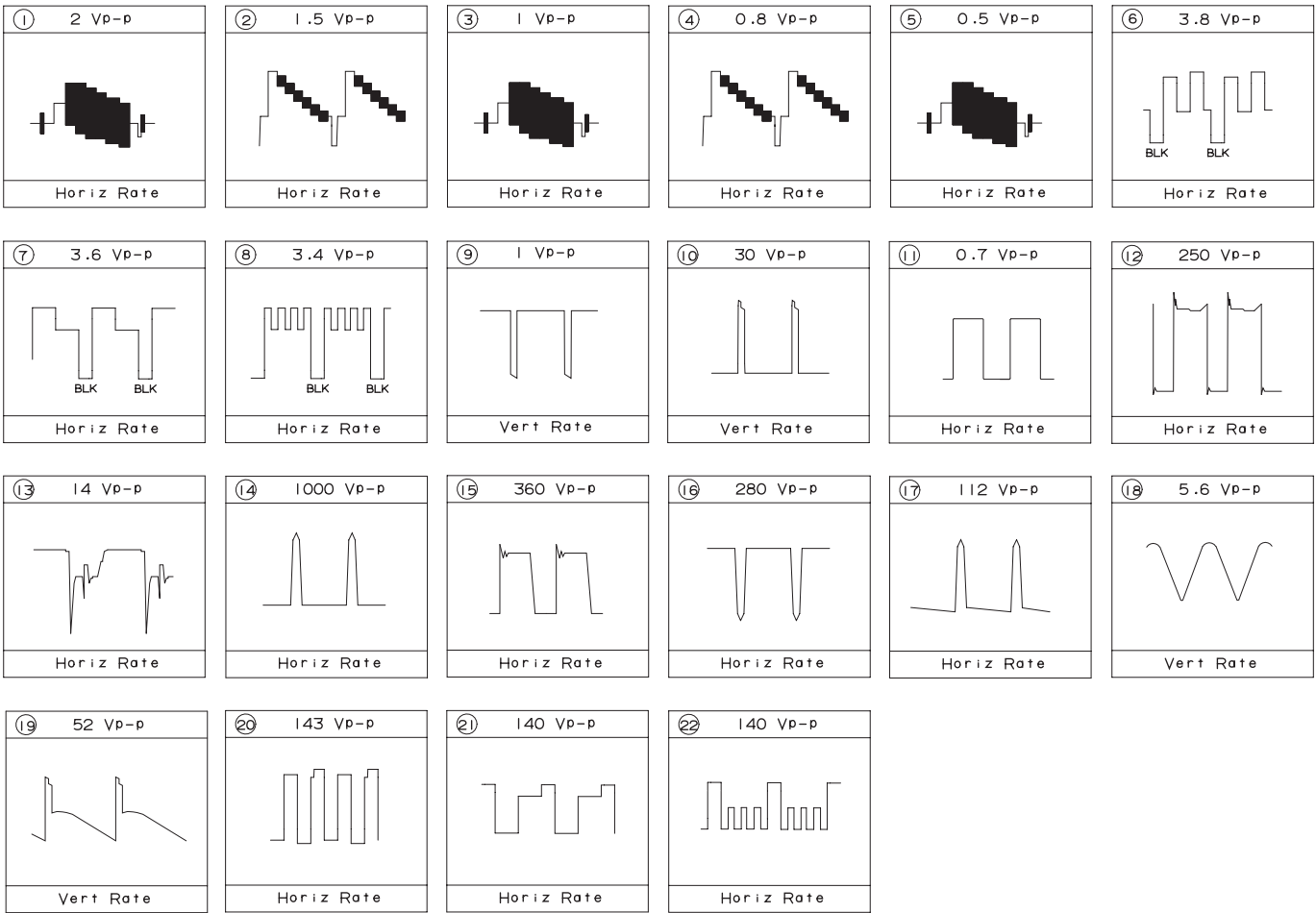
- 1. Photographs taken on a standard gated color bar signal, the tint setting adjusted for proper color. The wave shapes at the red, green and blue cathodes of the picture tube depend on the tint, color level and picture control.
- 2. ● indicates waveform check points (See chart, waveforms are measured from point indicated to chassis ground.)

⚠ AND SHADED (■) COMPONENTS = SAFETY RELATED PARTS.
▲ MARK= X-RAY RELATED PARTS.

DRGANNES MARQUES ⚠ ET HACHRES (■):
PIECES RELATIVES A LA SECURITE.
MARQUE ▲ : PIECS RELATIVE AUX RAYONS X.

This circuit diagram is a standard one, printed circuits may be subject to change for product improvement without prior notice.

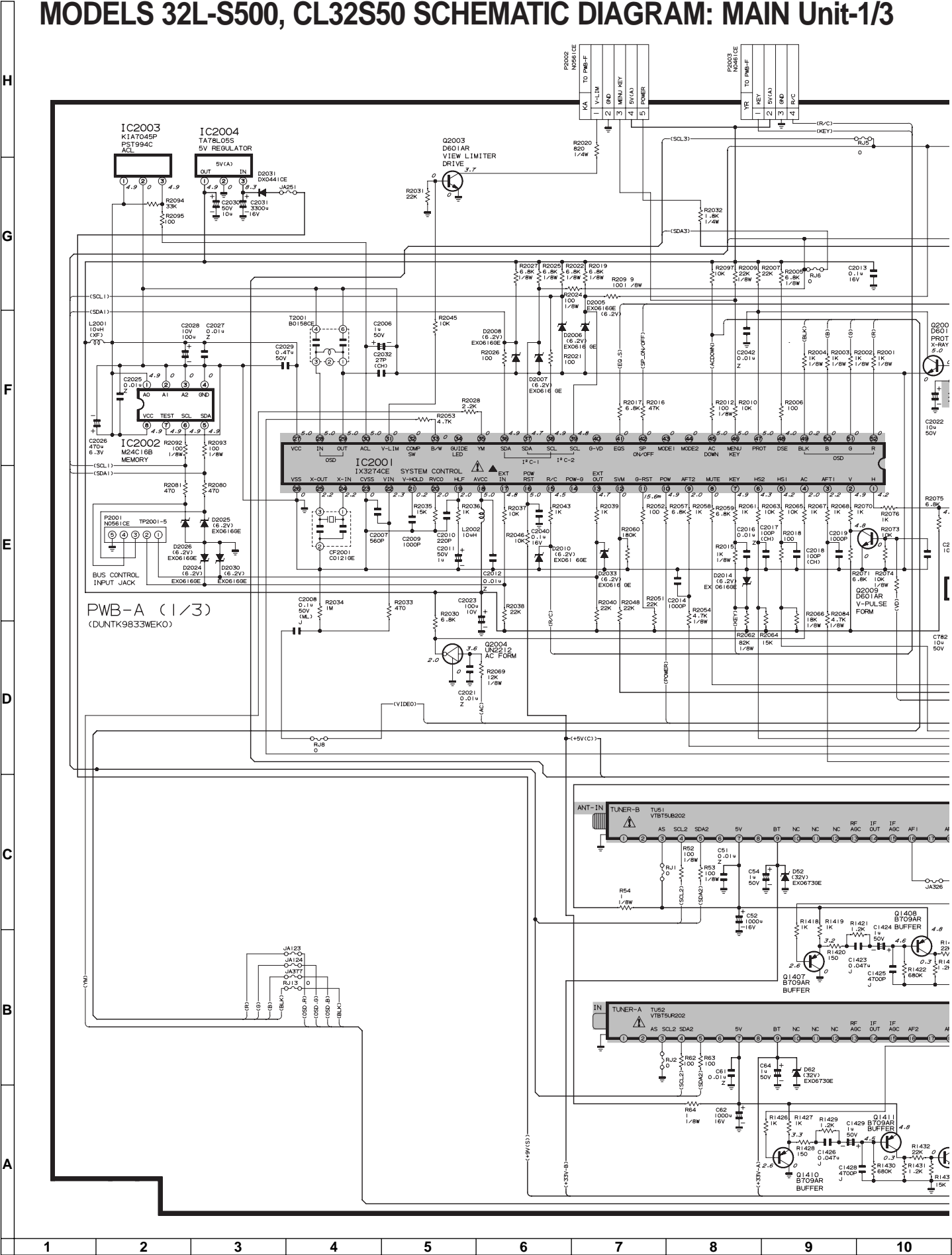
WAVEFORMS

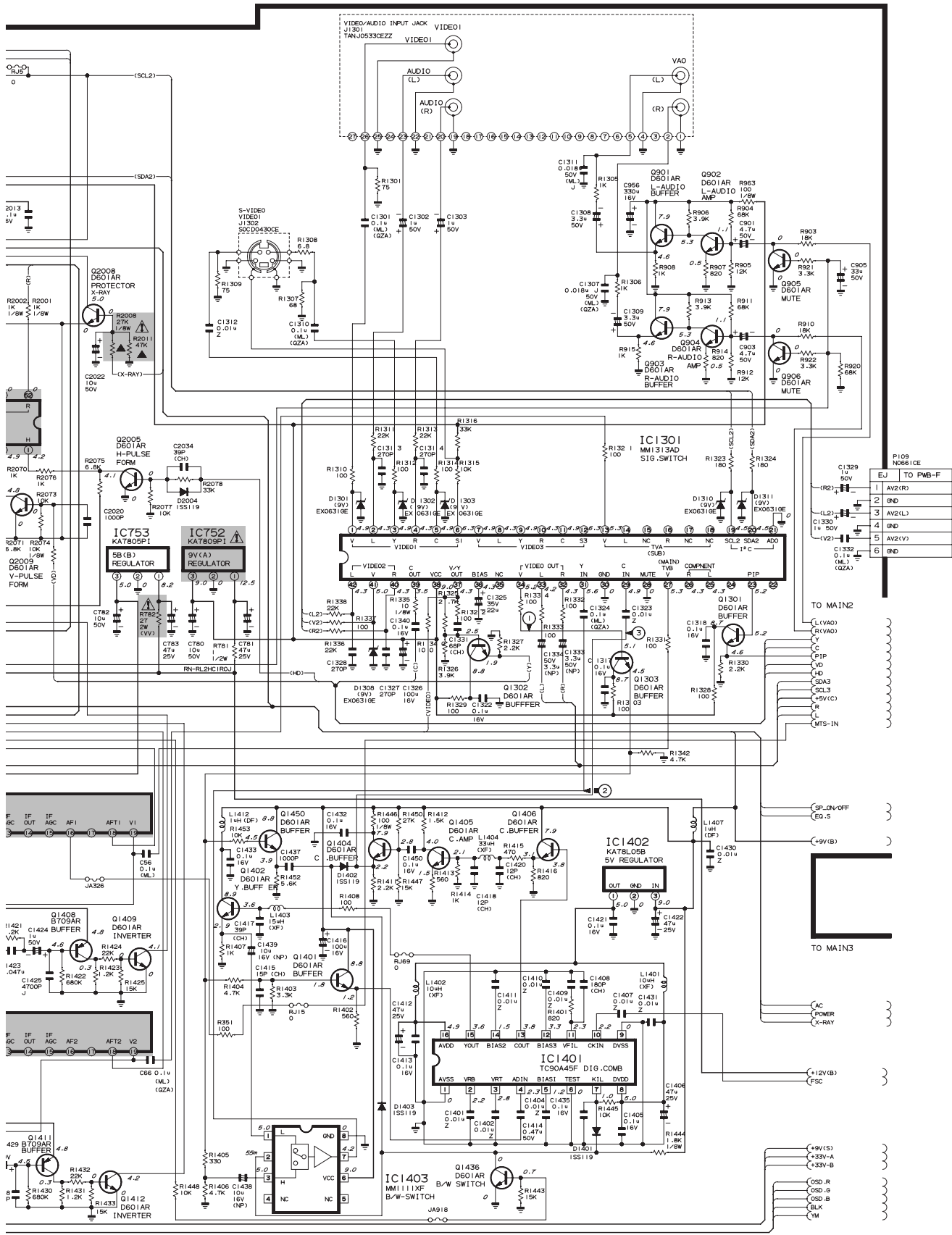






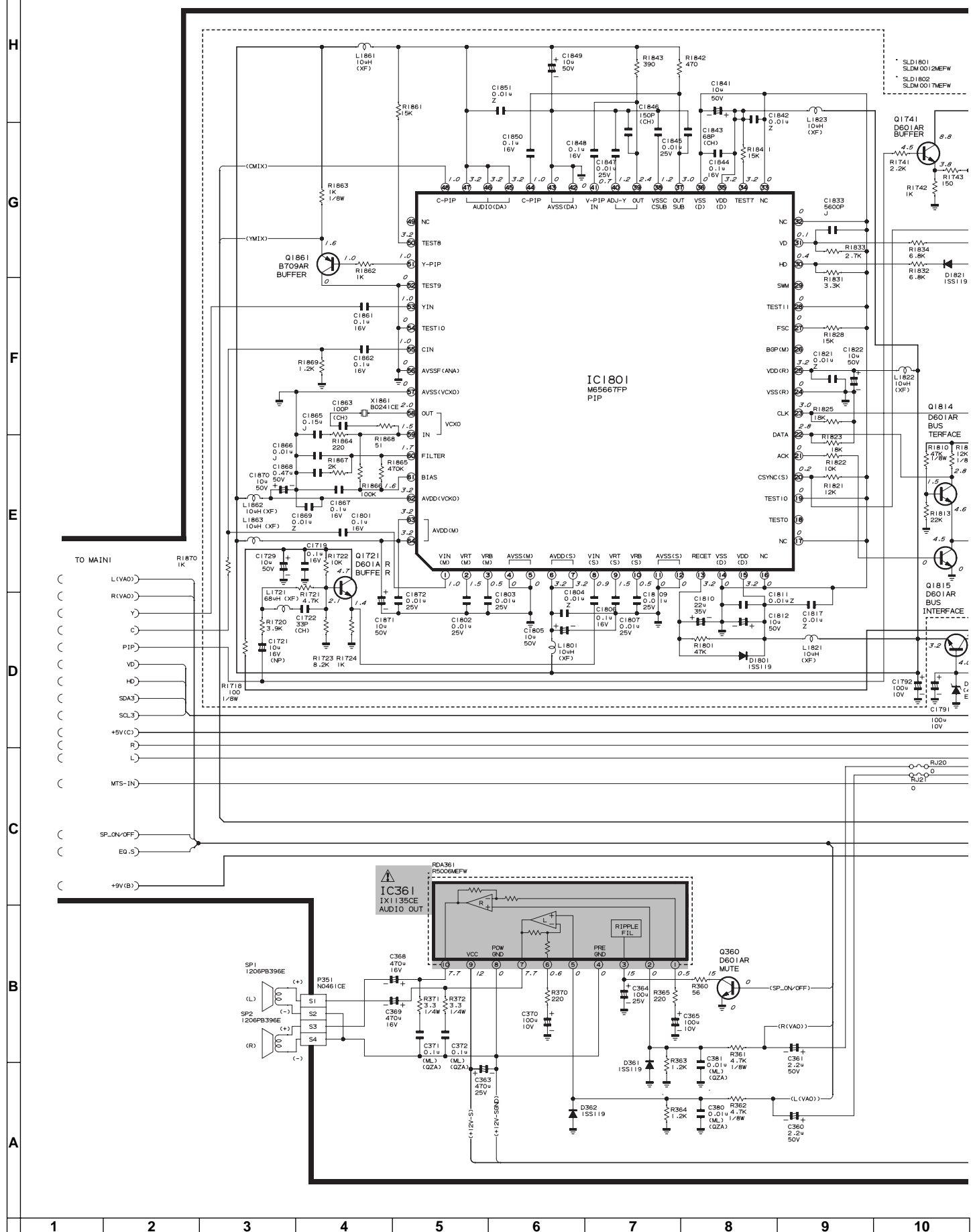
MODELS 32L-S500, CL32S50 SCHEMATIC DIAGRAM: MAIN Unit-1/3





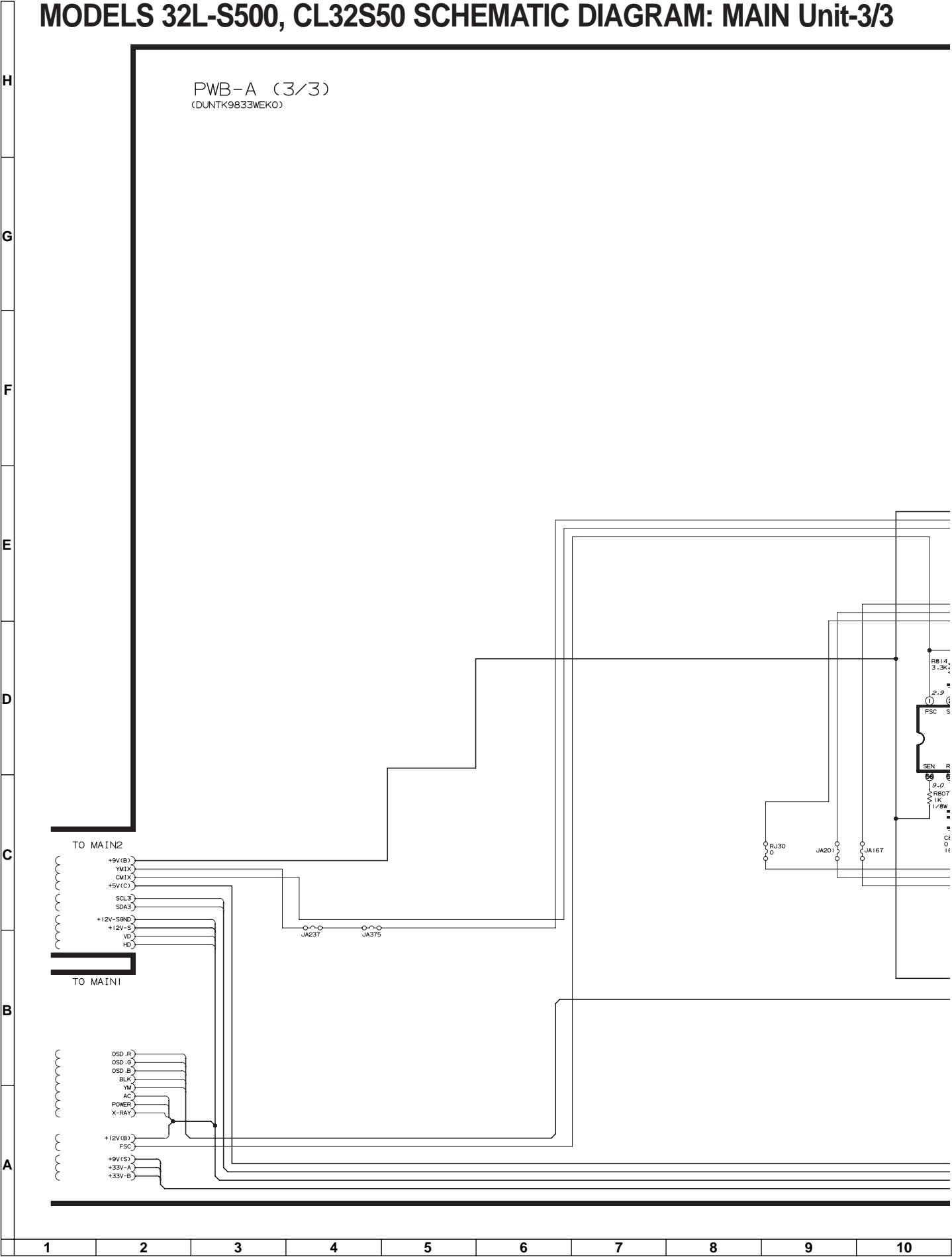
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MODELS 32L-S500, CL32S50 SCHEMATIC DIAGRAM: MAIN Unit-2/3

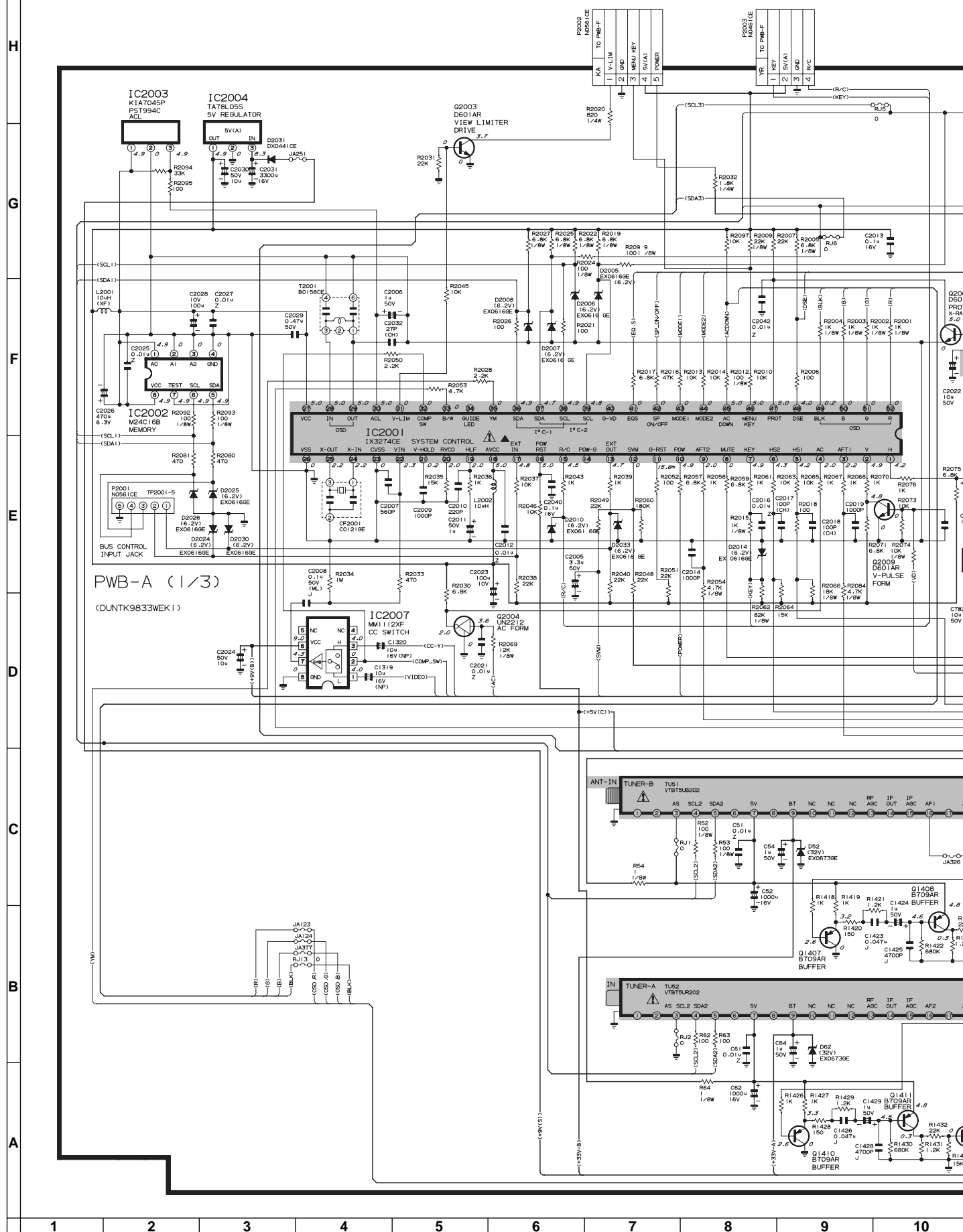


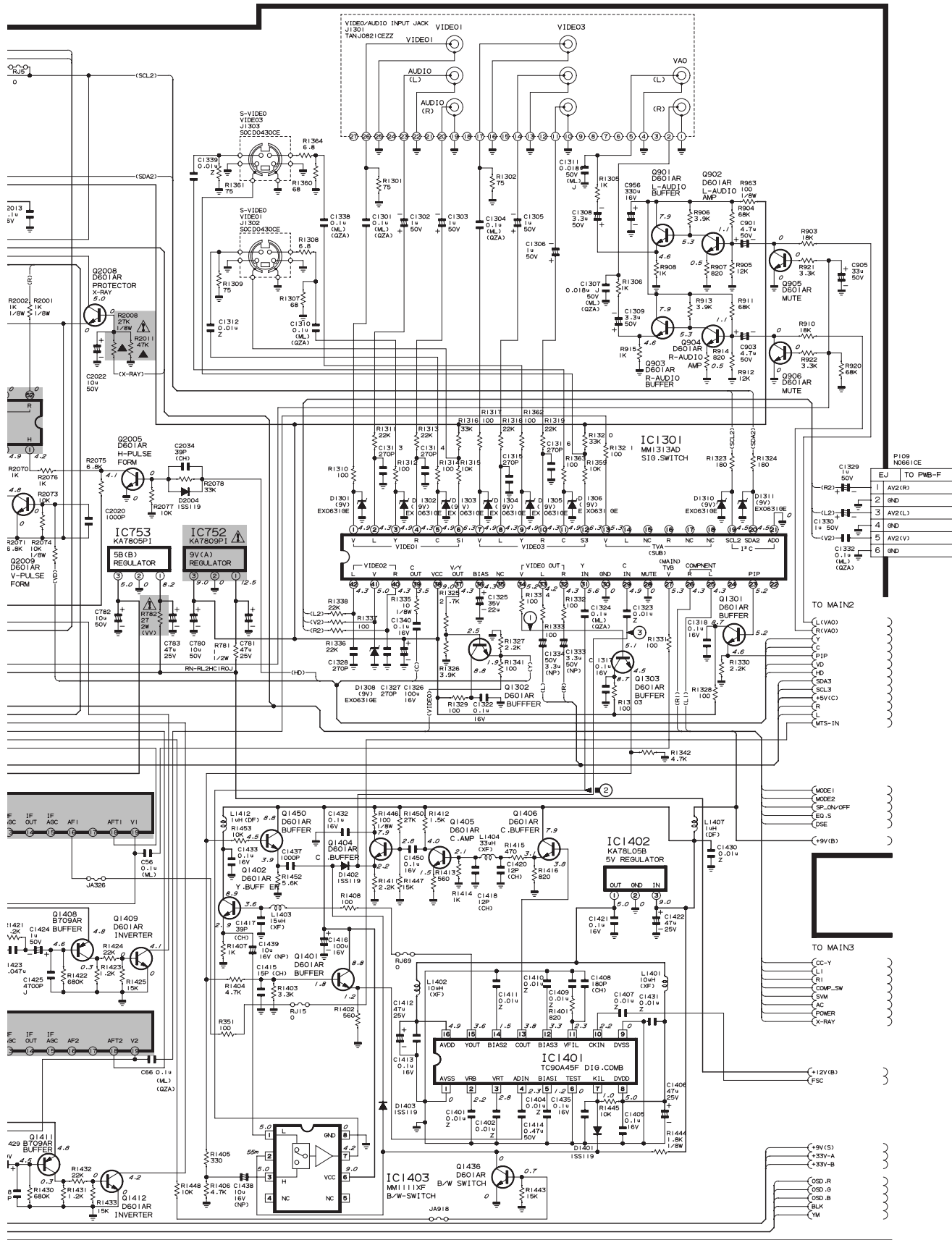


MODELS 32L-S500, CL32S50 SCHEMATIC DIAGRAM: MAIN Unit-3/3



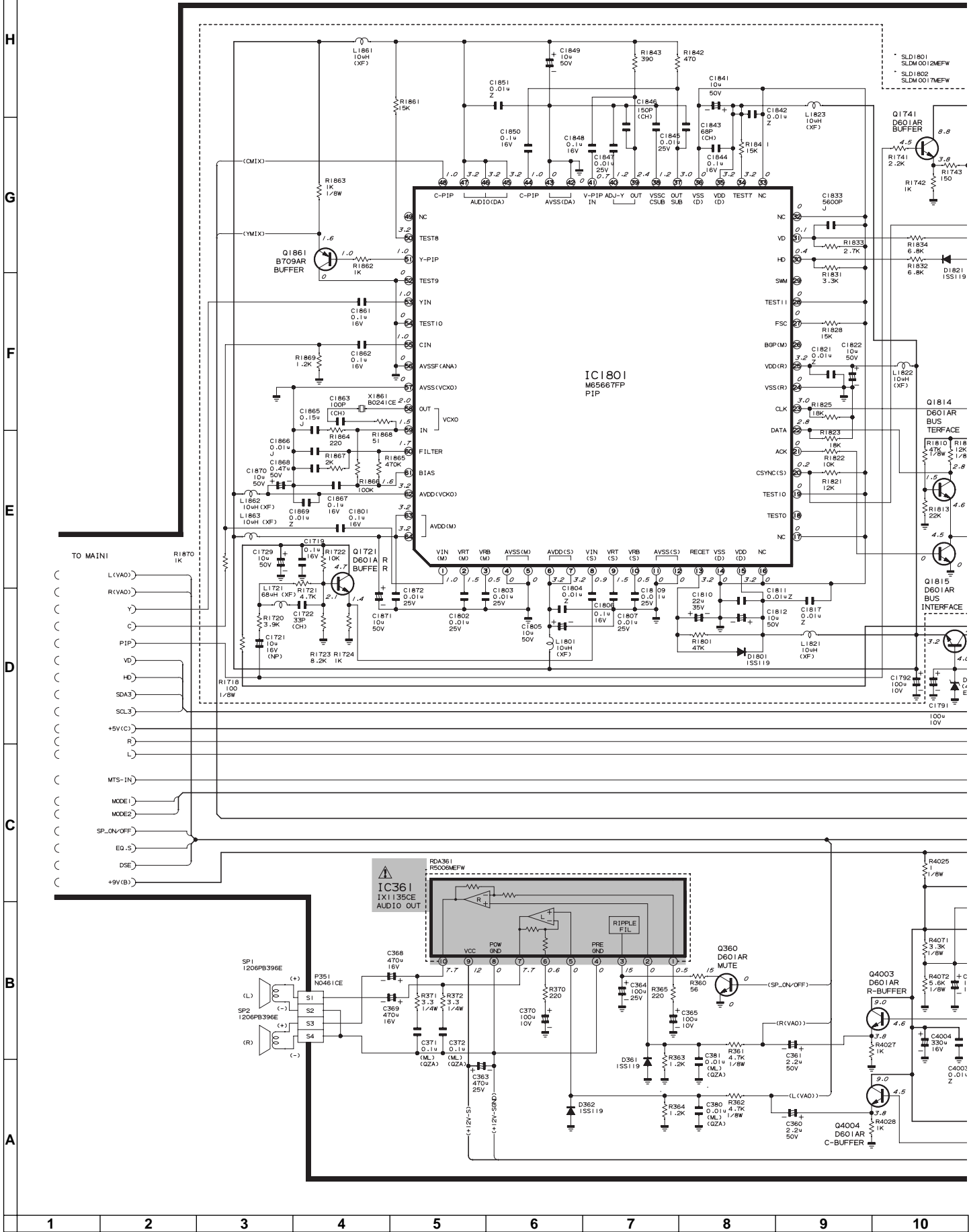
MODELS 32L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-1/3





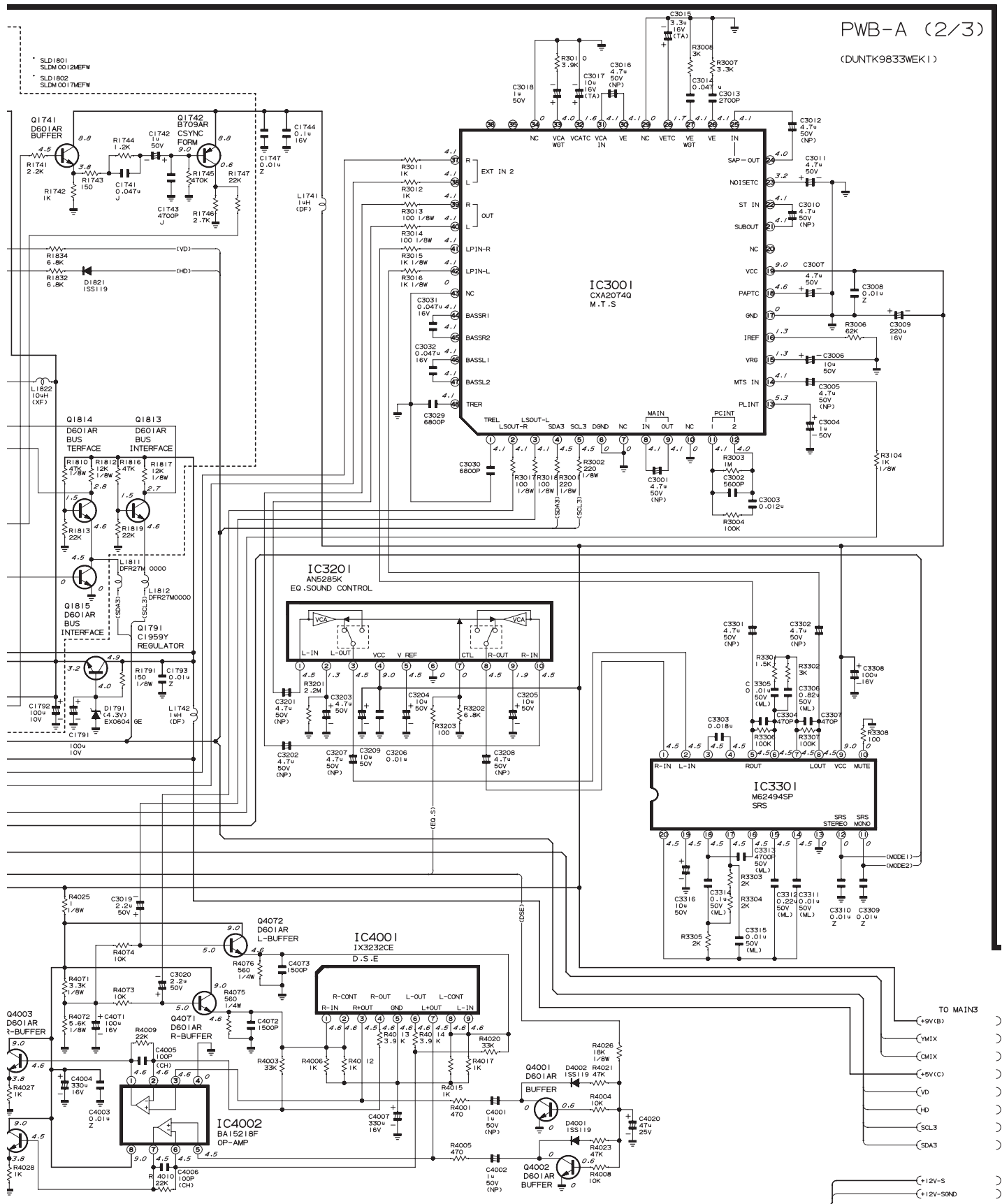
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MODELS 32L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-2/3

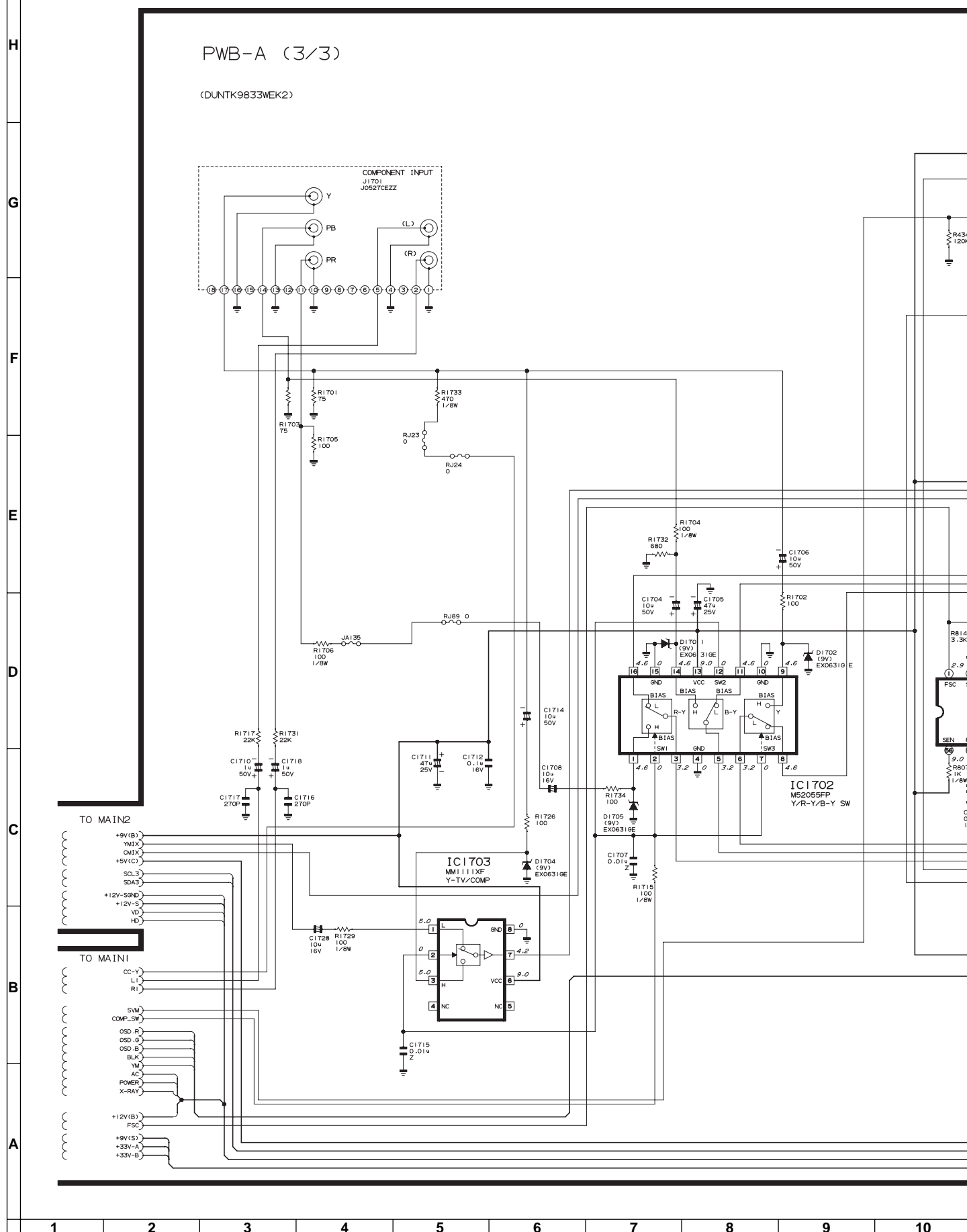


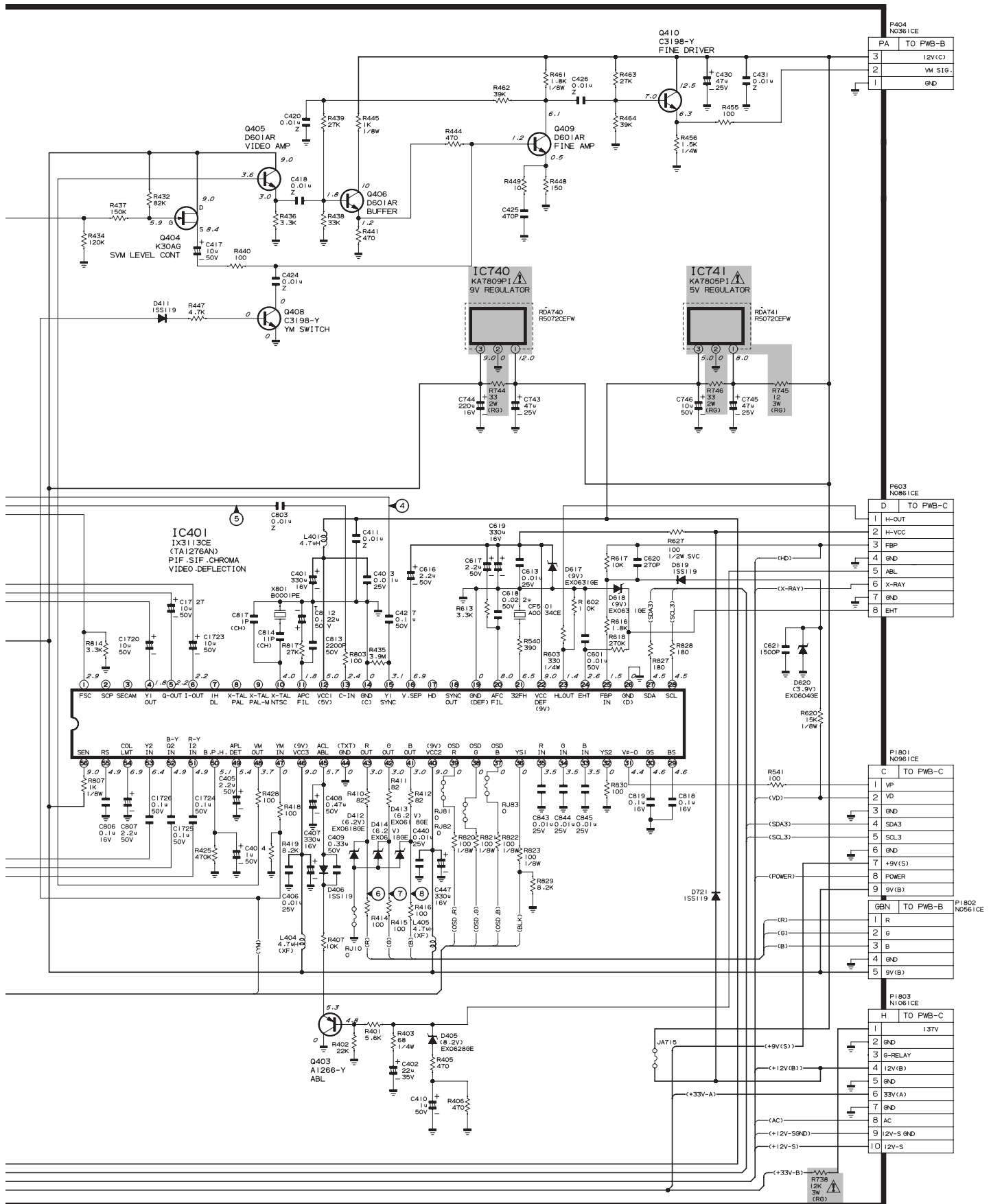
PWB-A (2/3)

(DUNT9833WEK1)

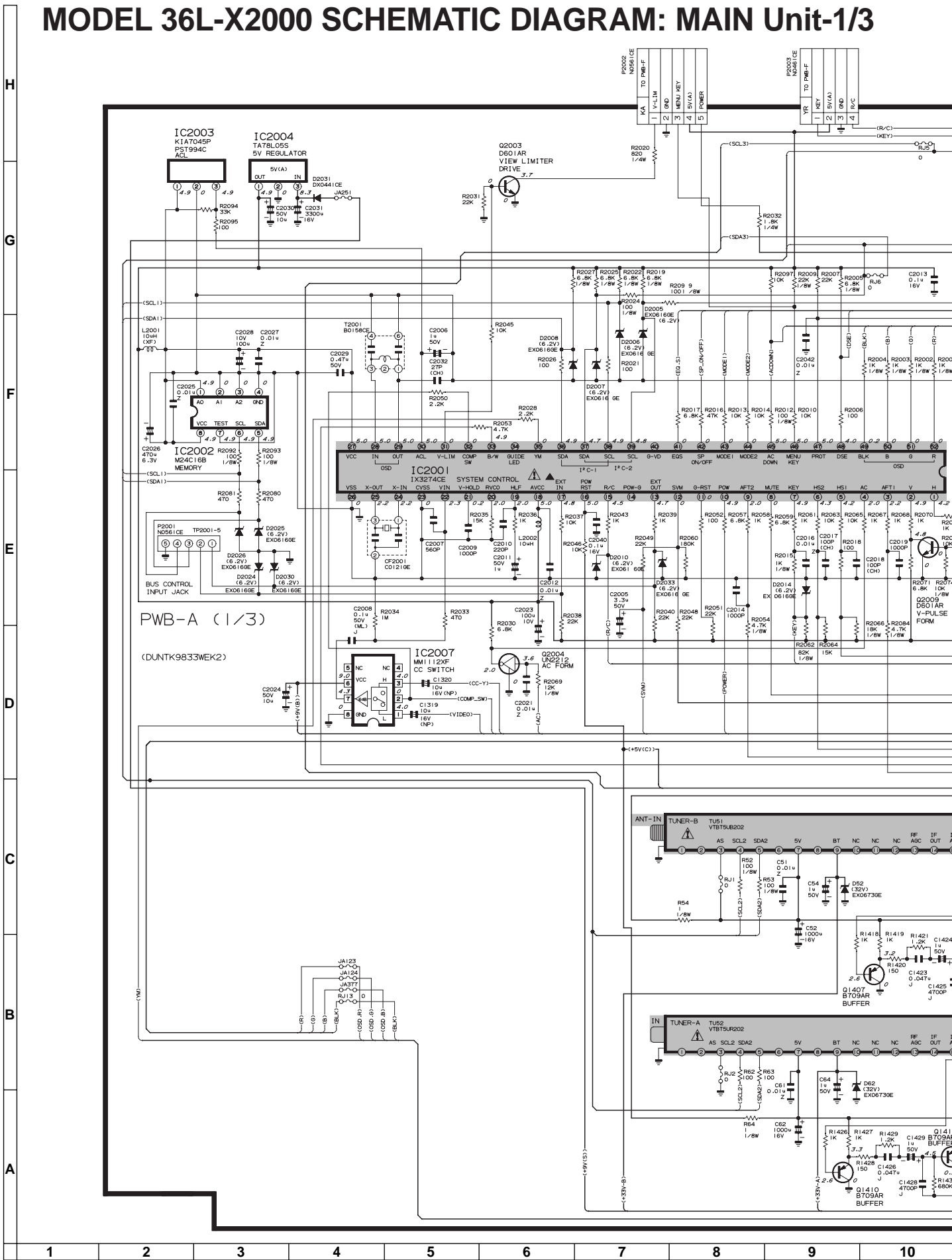


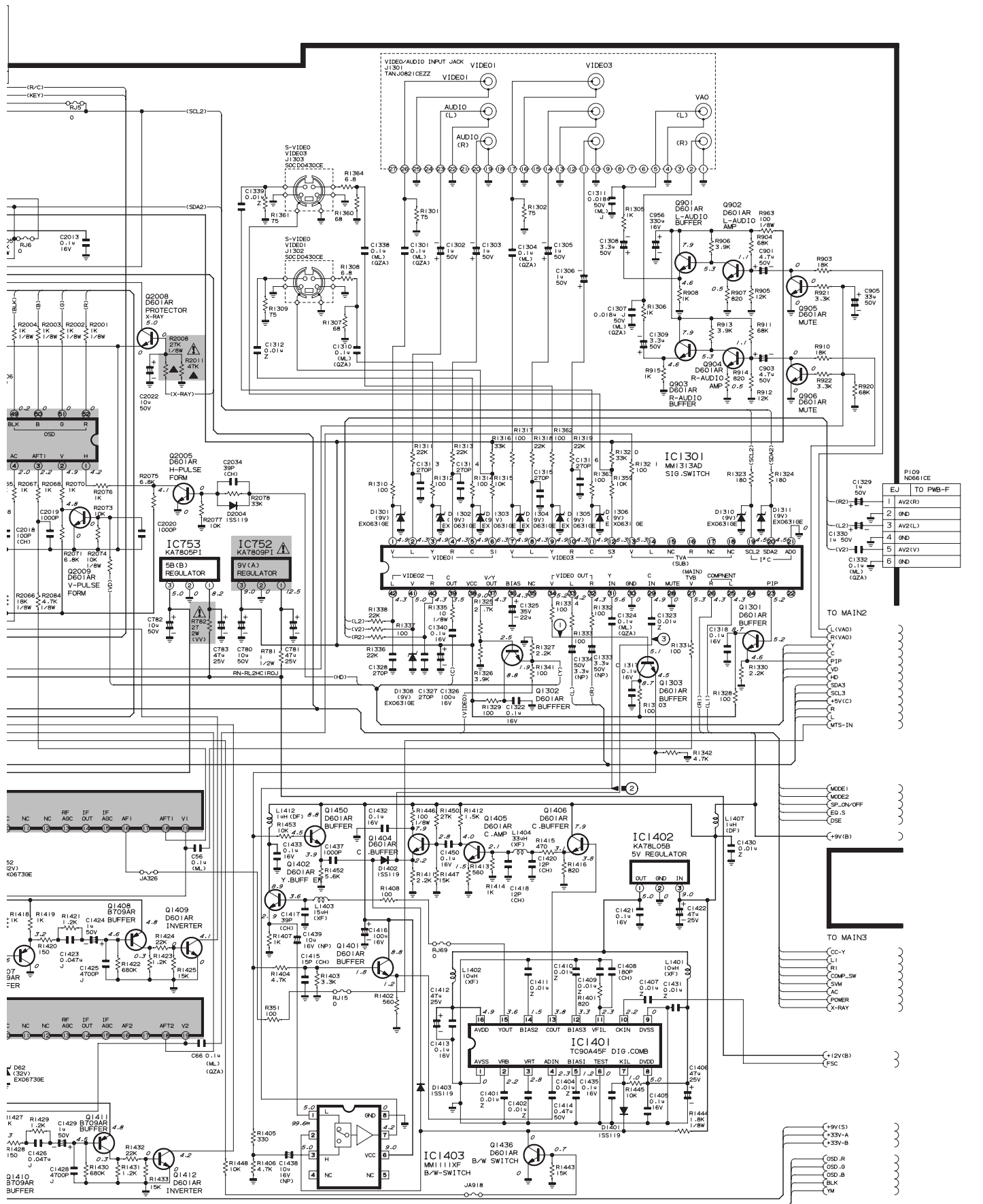
MODELS 32L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-3/3



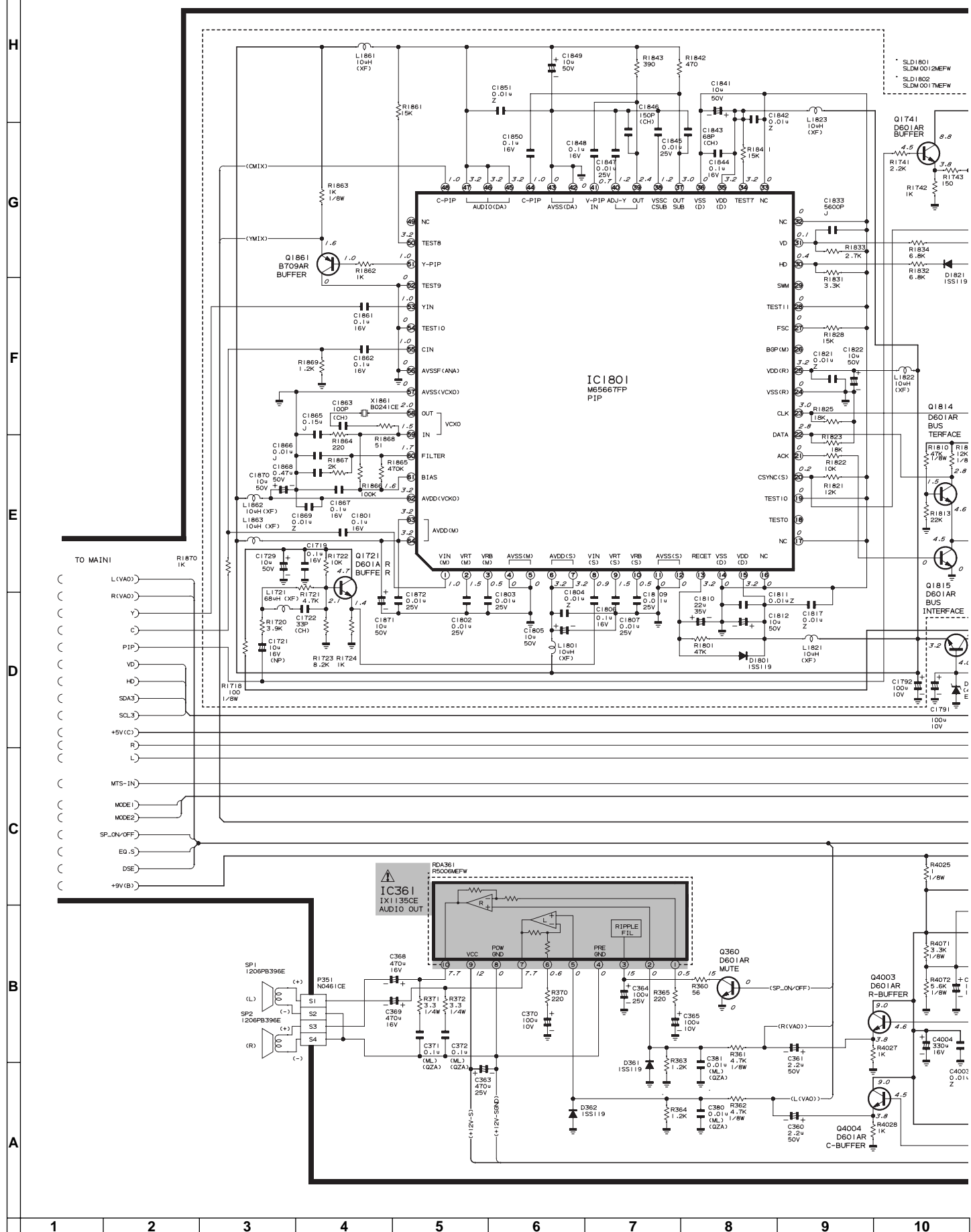


MODEL 36L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-1/3



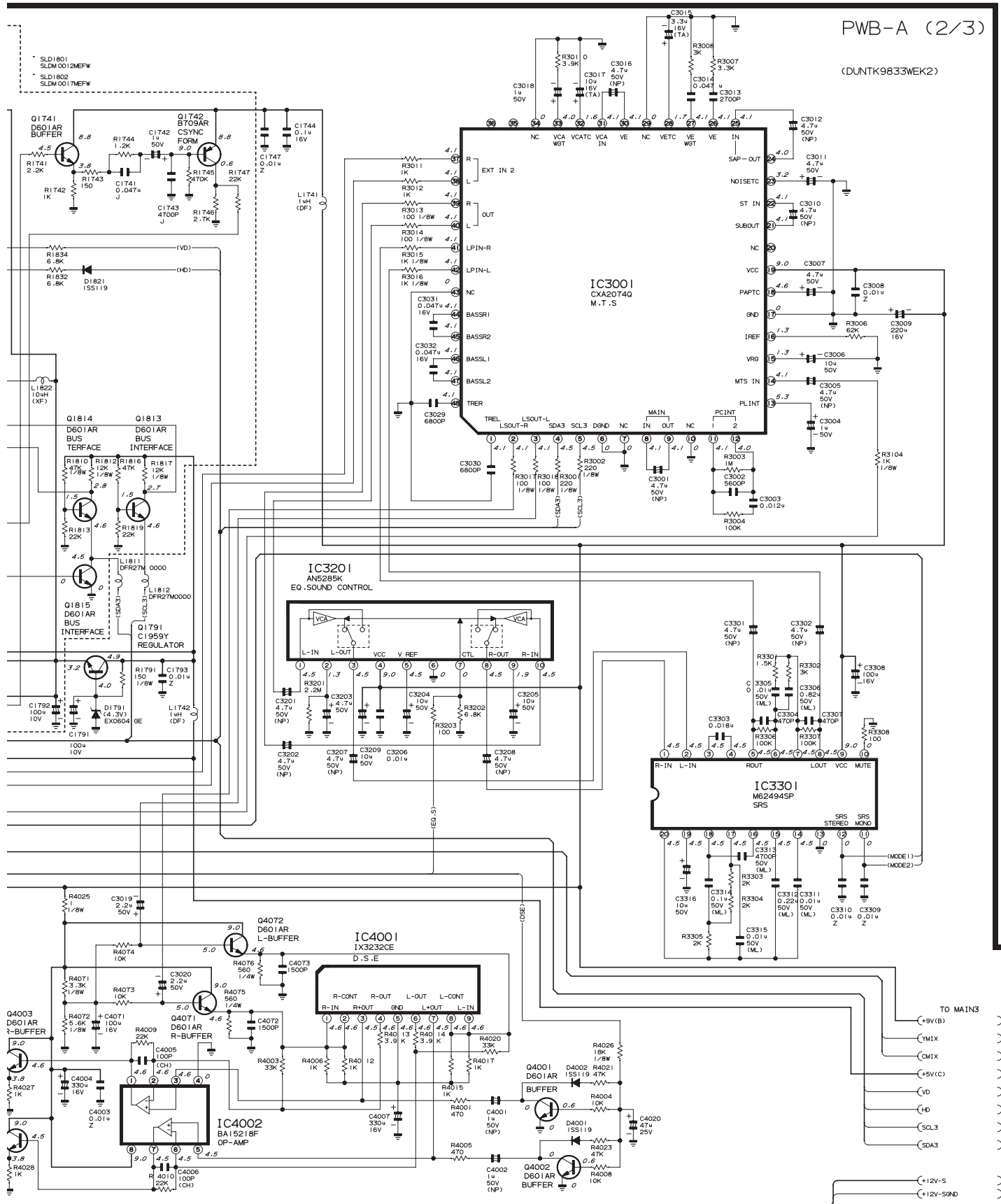


MODEL 36L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-2/3

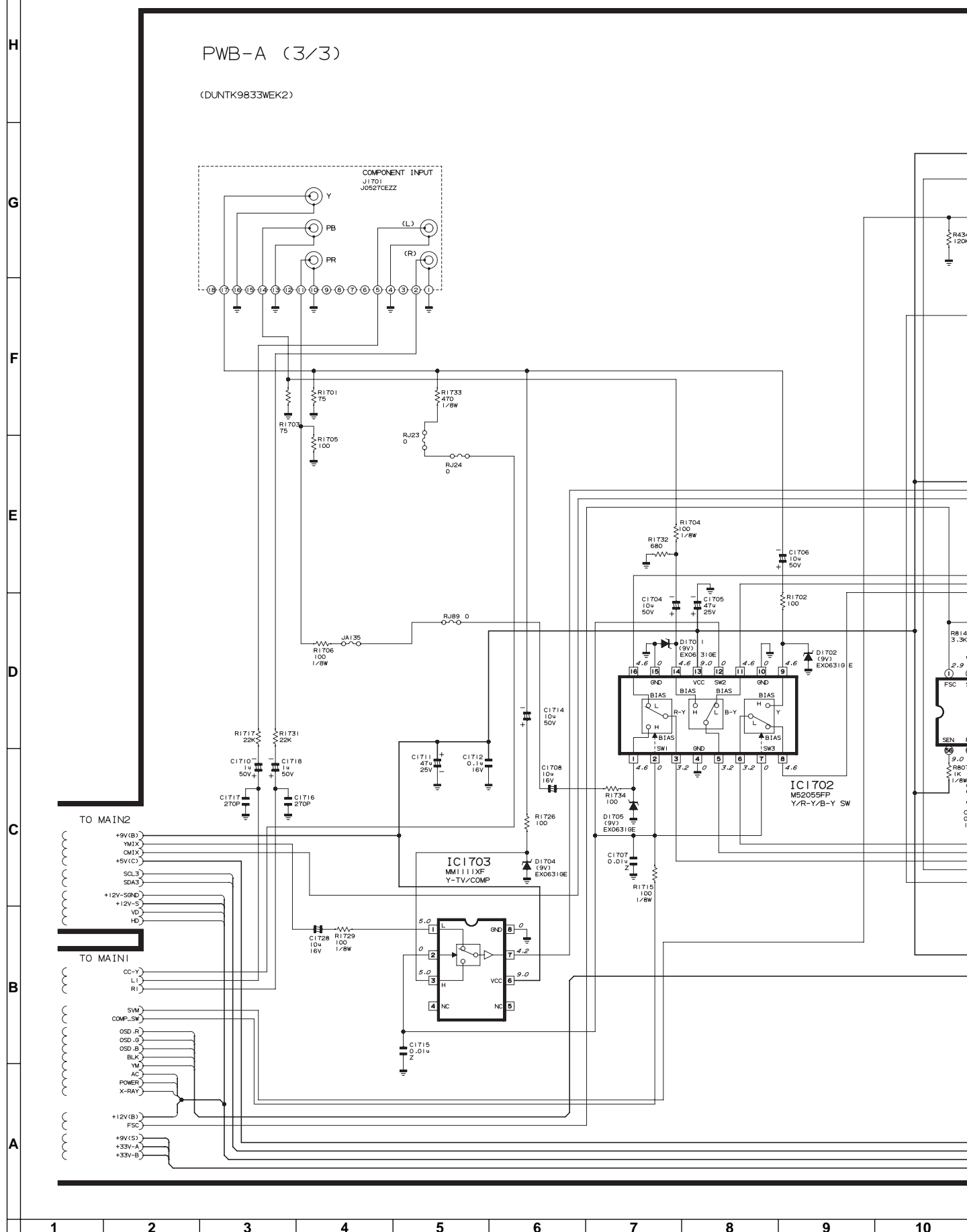


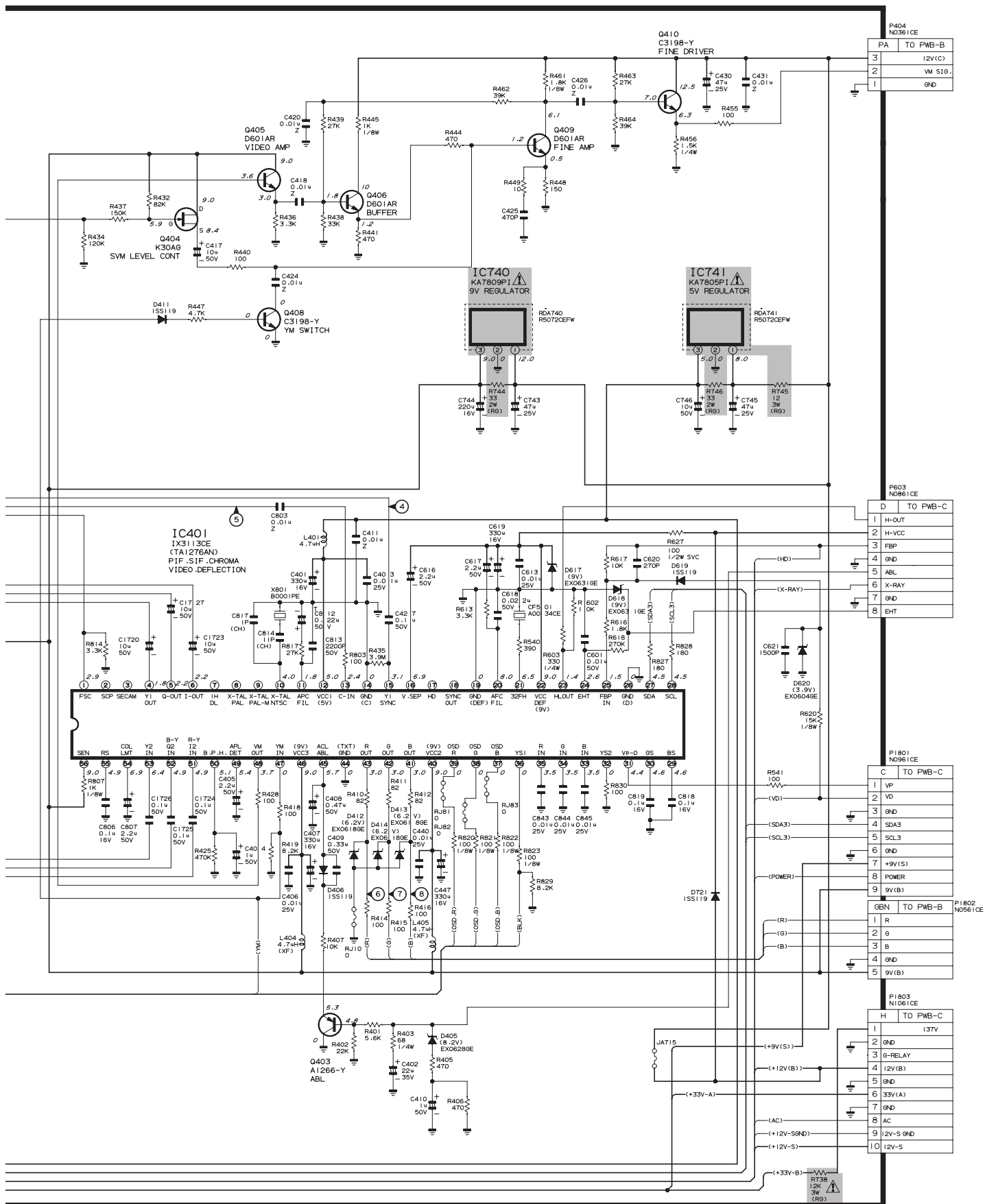
PWB-A (2/3)

(DUNT9833WEK2)



MODEL 36L-X2000 SCHEMATIC DIAGRAM: MAIN Unit-3/3



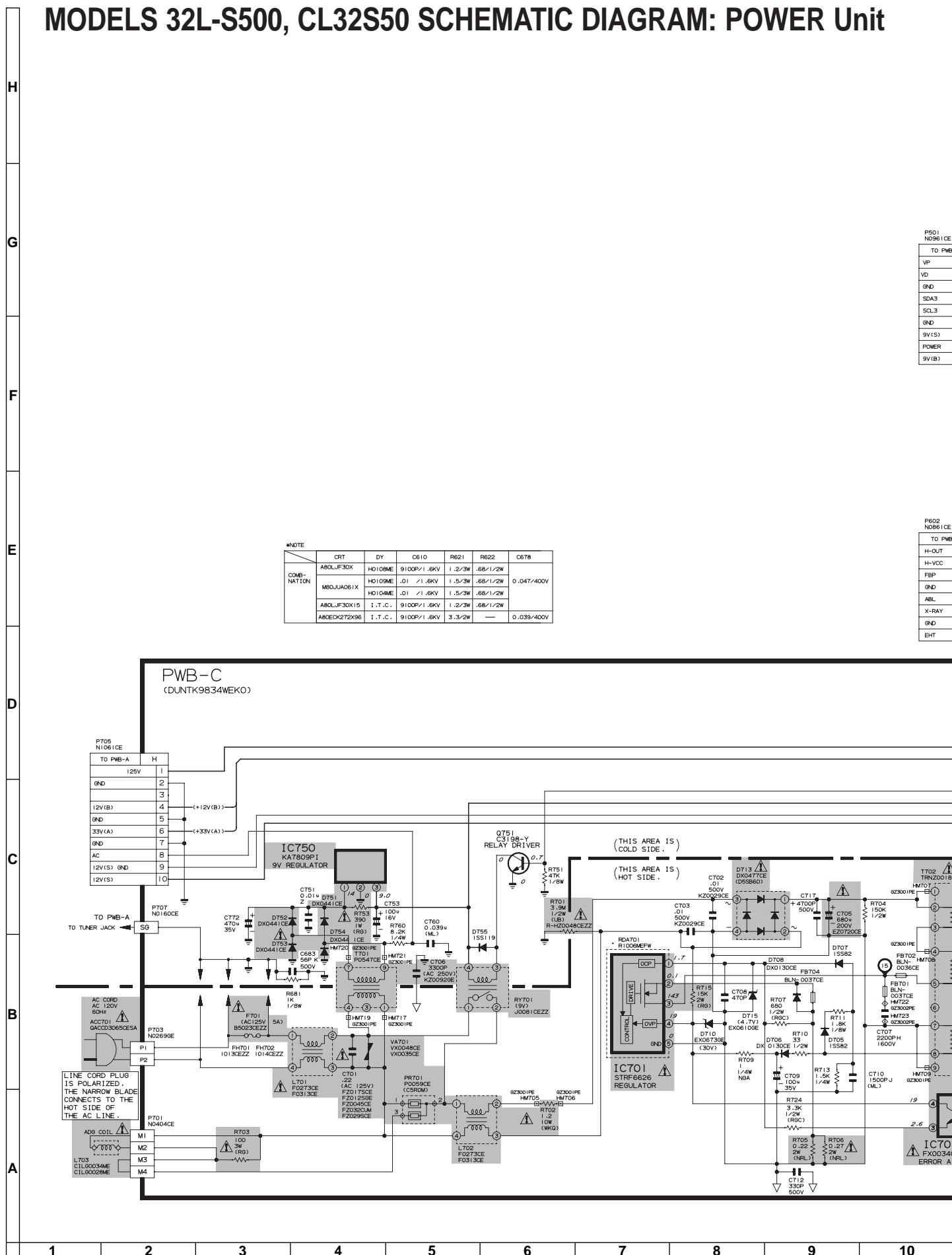


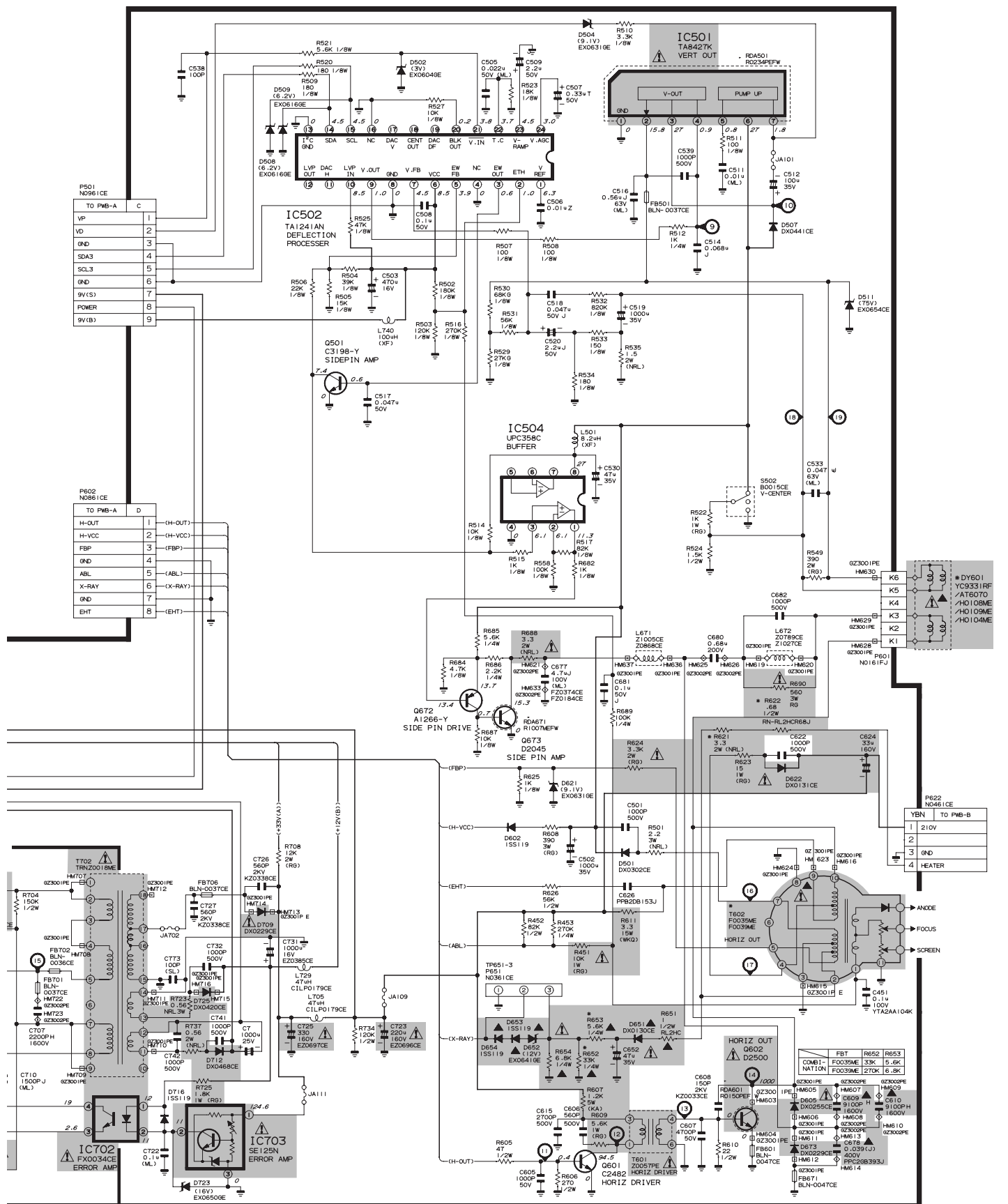
MODELS 32L-S500, CL32S50 SCHEMATIC DIAGRAM: POWER Unit

#NOTE	CRT	DY	C610	R621	R622	C678
COMBINATION	ABOLJ30X	HO108ME	9100P/1.6KV	1.2/3W	.68/1/2W	
	M80JUA61X	HO109ME	.01 /1.6KV	1.5/3W	.68/1/2W	0.047/400V
		HO104ME	.01 /1.6KV	1.5/3W	.68/1/2W	
	ABOLJ30X15	1.T.C.	9100P/1.6KV	1.2/3W	.68/1/2W	
	ABOJCK239X6	1.T.C.	9100P/1.6KV	3.3/2W		0.039/400V

P501	N0961CE
TO PWB	
VP	
VD	
GND	
SDA3	
SCL3	
GND	
9V(S)	
POWER	
9V(B)	

P602
N0861CE
TO PWB
H-OUT
H-VCC
FBP
GND
ABL
X-RAY
GND
EHT





10	11	12	13	14	15	16	17	18	19
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MODEL 32L-X2000 SCHEMATIC DIAGRAM: POWER Unit

H

G

F

E

D

C

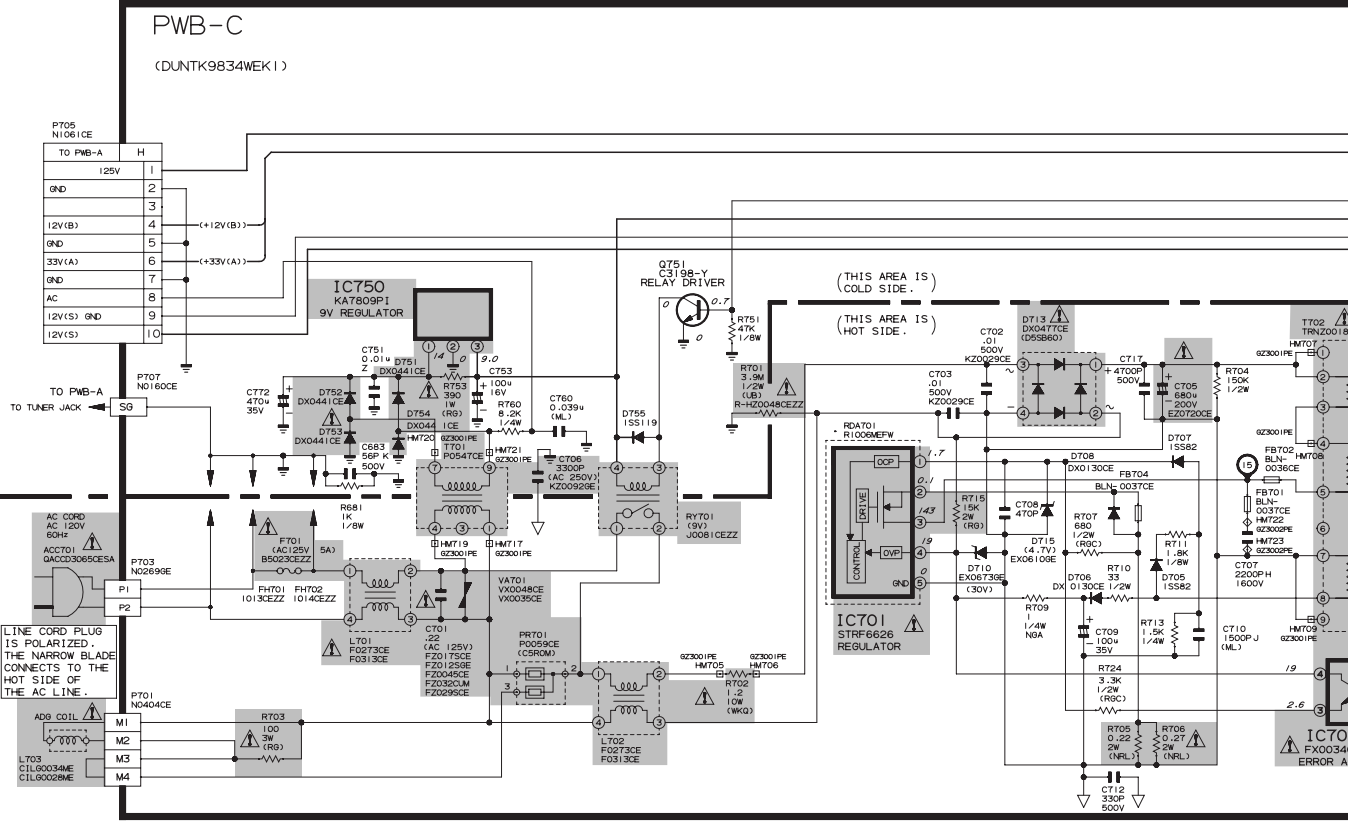
B

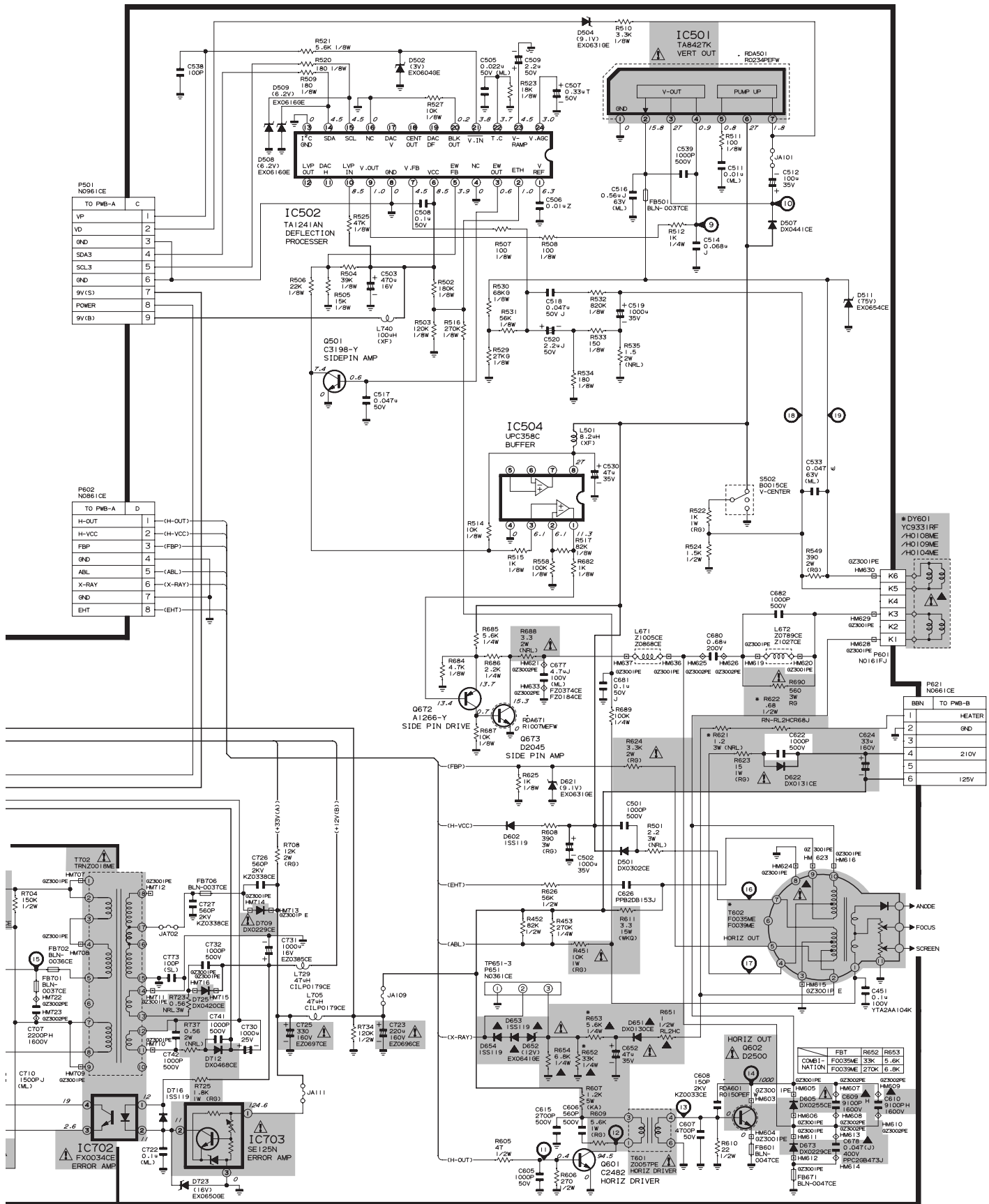
A

P501	NO961CE
TO PWB	
VP	
VD	
GND	
SDA3	
SCL3	
GND	
9V(S)	
POWER	
9V(B)	

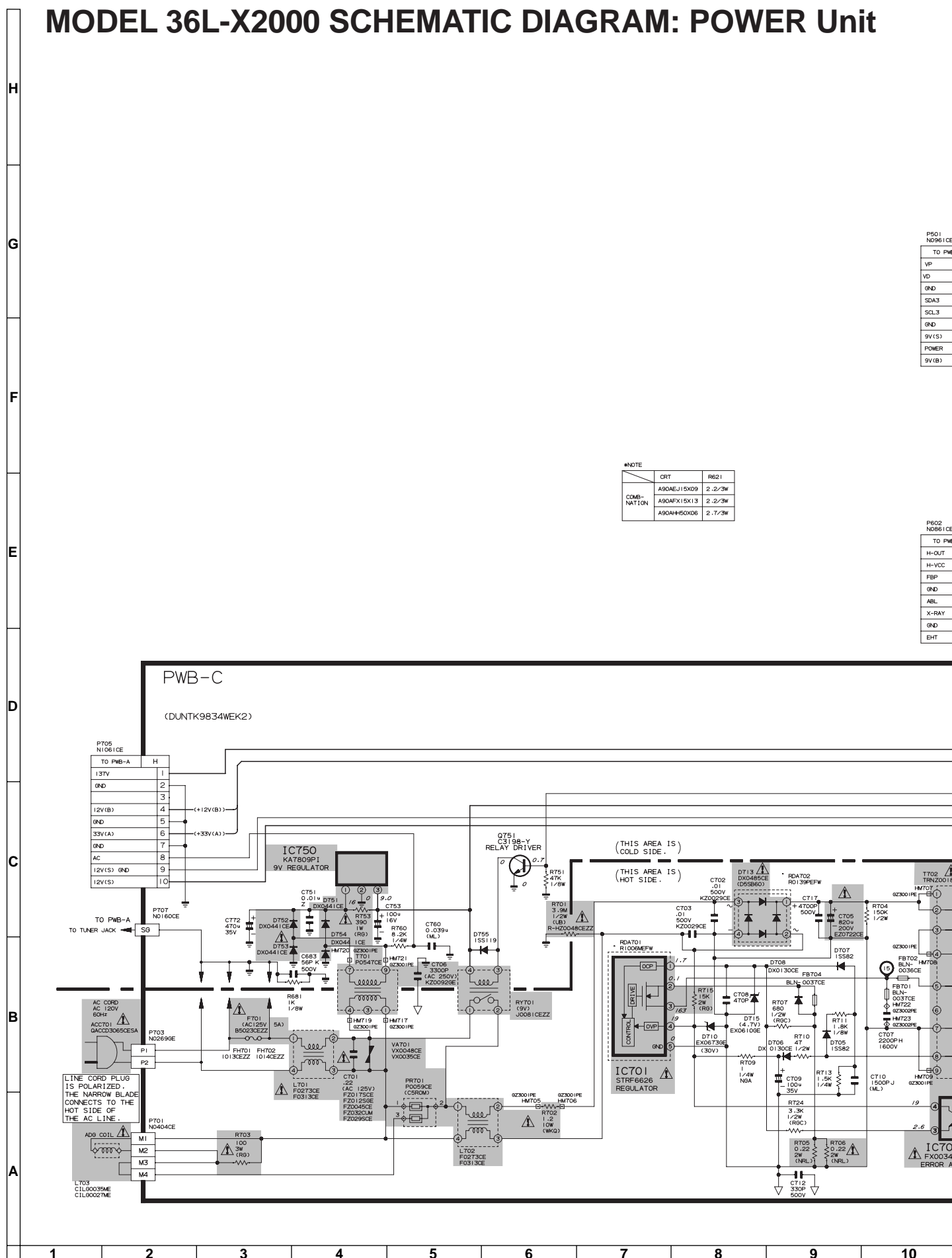
P602	NO861CE
TO PWB	
H-OUT	
H-VCC	
FBP	
GND	
ABL	
X-RAY	
GND	
EHT	

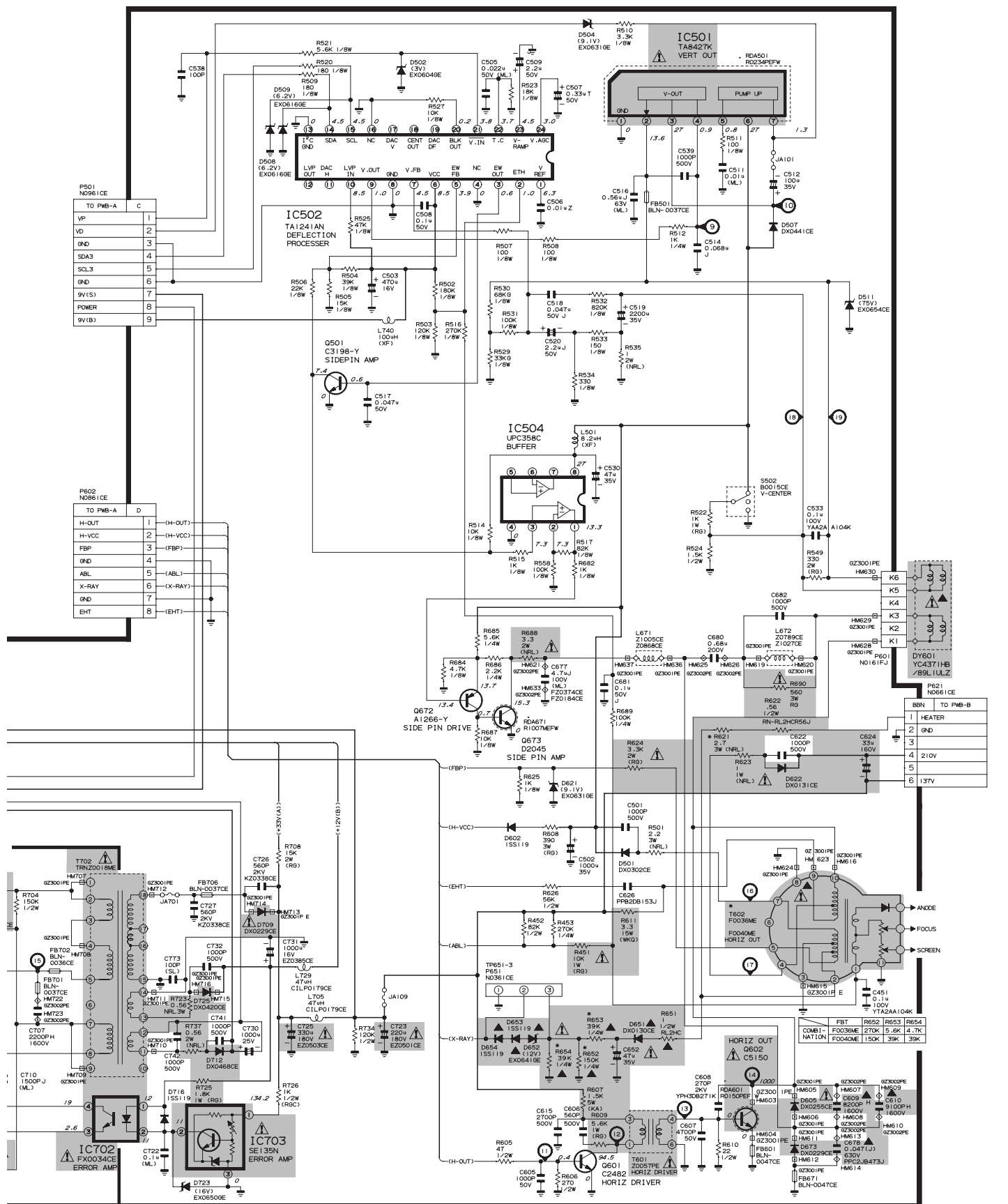
COMBINATION	CRT	DY	C610	R621	R622
ABOLJF30X16	I.T.C.	9100P/1.6KV	1.2/3W	.68/1/2W	
ABOLJF30X	HO108ME	9100P/1.6KV	1.2/3W	.68/1/2W	
MBOLJAD61X	HO108ME	.01 / 1.6KV	1.5/3W	.68/1/2W	
	HO104ME	.01 / 1.6KV	1.5/3W	.68/1/2W	



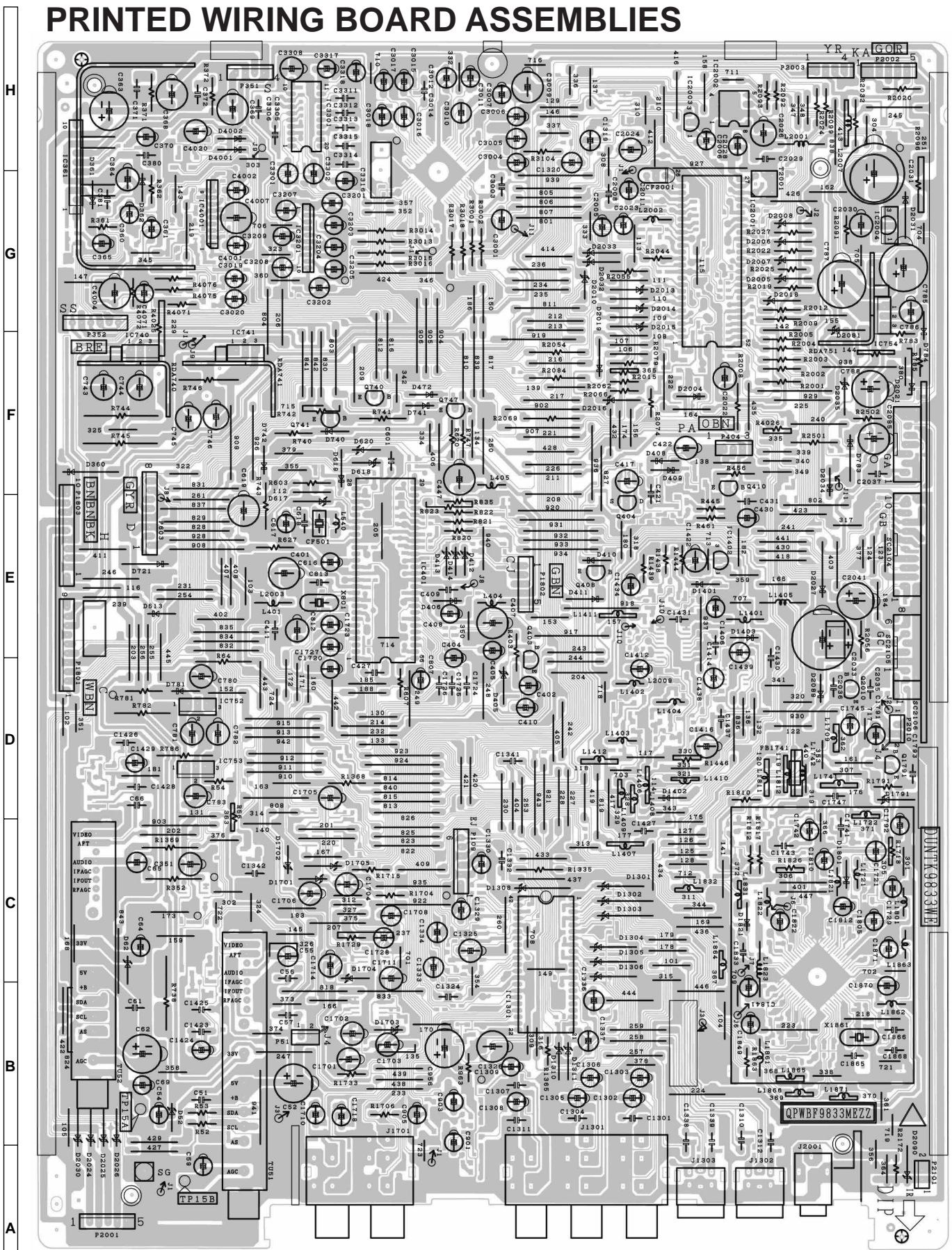


MODEL 36L-X2000 SCHEMATIC DIAGRAM: POWER Unit





PRINTED WIRING BOARD ASSEMBLIES

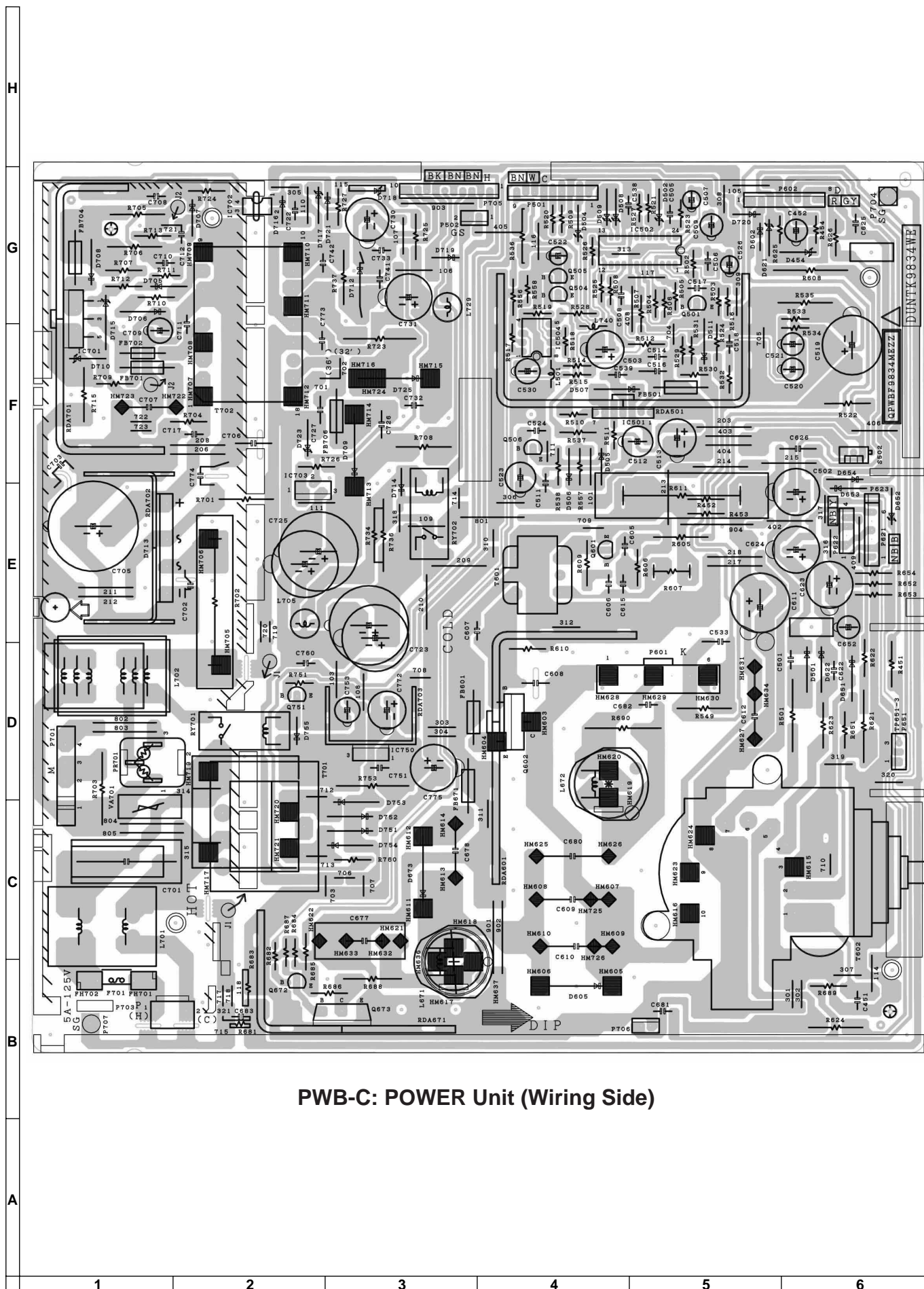


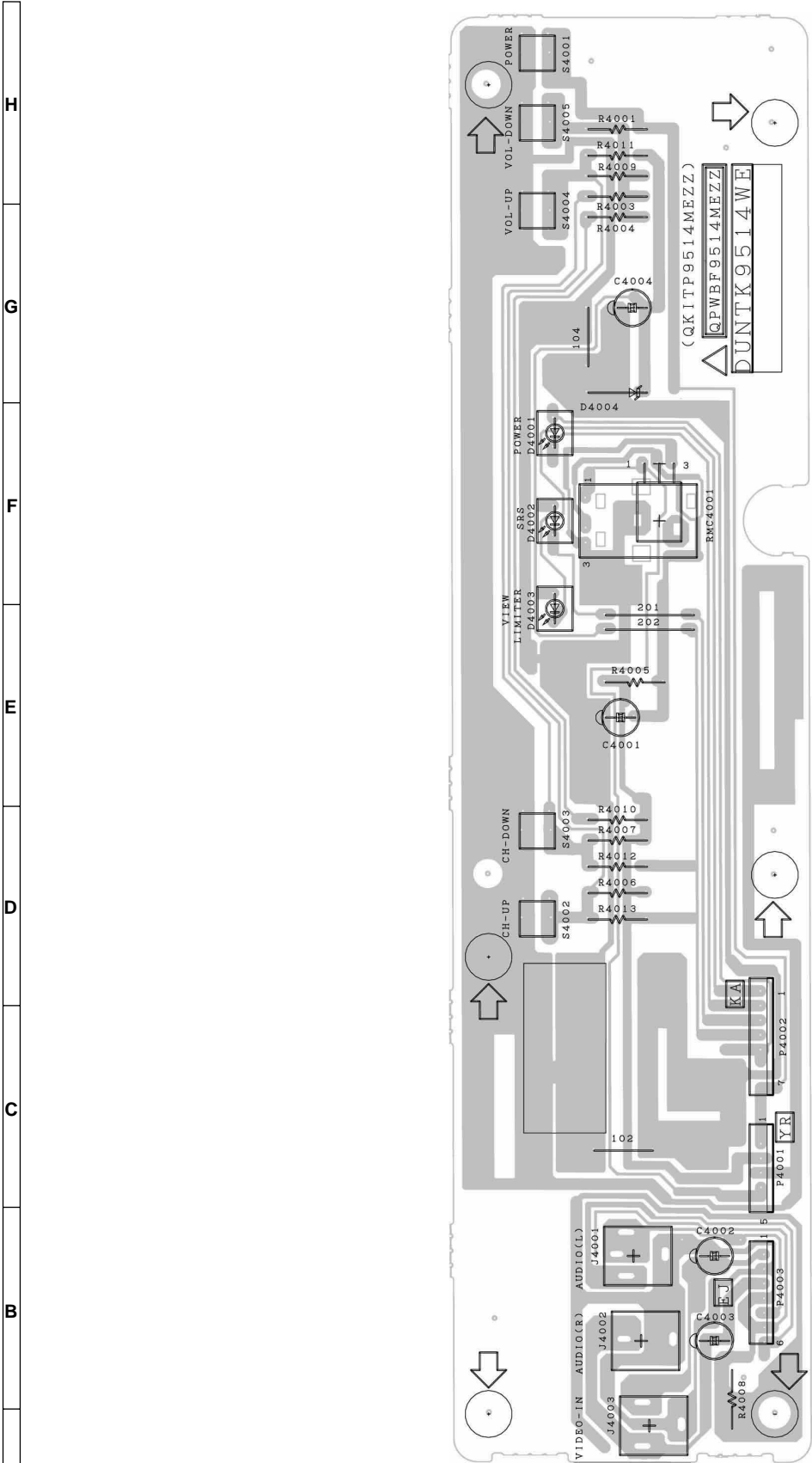
PWB-A: MAIN Unit (Wiring Side)

1	2	3	4	5	6
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PWB-B: CRT Unit (Wiring Side)

PWB-B: CRT Unit (Wiring Side)





PWB-F: Control Unit (Wiring Side)

PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual; electrical components having such features are identified by Δ and shaded areas in the Replacement Parts Lists and Schematic Diagrams. The use of a substitute replacement part which does not have the same safety characteristic as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

in **USA**: Contact your nearest SHARP Parts Distributor to order. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

★ MARK: SPARE PARTS-DELIVERY SECTION

▲ MARK: X- RAY RELATED PARTS

Ref. No.	Part No.	★	Description	Code
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PICTURE TUBE

32L-S500/CL32S50

▲ Δ V101	VB80LJF3015*S	M	Picture Tube (I.T.C.)	DD
	or			
	VB80ECK27296S	M	Picture Tube (I.T.C.)	
	or			
	VB80LJF30X*S	M	Picture Tube (DY: H0108ME)	
	or			
	VB80JUA061X*S	M	Picture Tube (DY: H0104ME or H0109ME)	
▲ Δ DY601	RCiLH0108MEZZ	M	Deflection Yoke (CRT:A80LJF30X)	
	or			
	RCiLH0109MEZZ	M	Deflection Yoke (CRT:A80JUA061X)	
	or			
	RCiLH0104MEZZ	M	Deflection Yoke (CRT:A80JUA061X)	
▲ L703	RCiLG0034MEZZ	M	Degaussing Coil	AV
	or			
	RCiLG0028MEZZ			
	MSPRT0002MEZZ	M	Spring for CRT	AA
▲	QEARC3202MEZZ	M	Ground-Part	AE

	CRT	DY	C610	R621	R622	C678
COMB-NATION	AB0LJF30X	H0108ME	9100P/1.6KV	1.2/3W	.68/1/2W	
	M80JUA061X	H0109ME	.01 / 1.6KV	1.5/3W	.68/1/2W	0.047/400V
		H0104ME	.01 / 1.6KV	1.5/3W	.68/1/2W	
	AB0LJF30X15	I.T.C.	9100P/1.6KV	1.2/3W	.68/1/2W	
	AB0ECK272X96	I.T.C.	9100P/1.6KV	3.3/2W	—	0.039/400V

LISTE DES PIECES

CHANGE DES PIECES

Les pièces de rechange qui présentent ces caractéristiques spéciales de sécurité, sont identifiées dans ce manuel : les pièces électriques qui présentent ces particularités, sont représentées par la marque Δ et sont hachurées dans les listes de pièces et dans les diagrammes schématisés.

La substitution d'une pièce de rechange par une autre qui ne présente pas les mêmes caractéristiques de sécurité que la pièce recommandée par l'usine et dans ce manuel de service, peut provoquer une électrocution, un incendie ou tout autre sinistre.

"COMMENT COMMANDER LES PIECES DE RECHANGE"

Pour que votre commande soit rapidement et correctement remplie, veuillez fournir les renseignements suivants.

- | | |
|---------------------|----------------|
| 1. NUMERO DU MODELE | 2. NO. DE REF |
| 3. NO. DE PIECE | 4. DESCRIPTION |

in **CANADA**: Contact SHARP Electronics of Canada Limited Phone (416) 890-2100

★MARQUE: SECTION LIVRAISON DES PIECES DE RECHANGE

▲ MARQUE: PIECES RELATIVE AUX RAYONS X

Ref. No.	Part No.	★	Description	Code
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32L-X2000

▲ Δ V101	VB80LJF3016*S	M	Picture Tube (I.T.C.)	DC
	or			
	VB80LJF30X*S	M	Picture Tube (DY:H0108ME)	
	or			
	VB80JUA061X*S	M	Picture Tube (DY:H0104ME or H0109ME)	
▲ Δ DY601	RCiLH0108MEZZ	M	Deflection Yoke (CRT:A80LJF30X16 or A80LJF30X)	
	or			
	RCiLH0109MEZZ	M	Deflection Yoke (CRT:A80JUA061X)	
	or			
	RCiLH0104MEZZ	M	Deflection Yoke (CRT:A80JUA061X)	
▲ L703	RCiLG0034MEZZ	M	Degaussing Coil	AV
	or			
	RCiLG0028MEZZ			
	MSPRT0002MEZZ	M	Spring for CRT	AA
▲	QEARC3102MEZZ	M	Ground-Part	AH

	CRT	DY	C610	R621	R622
COMB-NATION	AB0LJF30X16	I.T.C.	9100P/1.6KV	1.2/3W	.68/1/2W
	AB0LJF30X	H0108ME	9100P/1.6KV	1.2/3W	.68/1/2W
	M80JUA061X	H0109ME	.01 / 1.6KV	1.5/3W	.68/1/2W
		H0104ME	.01 / 1.6KV	1.5/3W	.68/1/2W

36L-X2000

▲ Δ V101	VB90AHH5006*S	M	Picture Tube (I.T.C.)	DU
	or			
	VB90AEJ1509*S	M	Picture Tube (I.T.C.)	
	or			
	VB90AFX1513*S	M	Picture Tube (I.T.C.)	
▲ L703	RCiLG0035MEZZ	M	Degaussing Coil	AW
	or			
	RCiLG0027MEZZ			
	MSPRT0002MEZZ	M	Spring for CRT	AA
▲	QEARC3502MEZZ	M	Ground-Part	AH

	CRT	R621
COMB-NATION	A90AEJ15X09	2.2/3W
	A90AFX15X13	2.2/3W
	A90AHH50X06	2.7/3W

Ref. No.	Part No.	★	Description	Code
PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)				
32L-S500,CL32S50				
PWB-A	DUNTK9833WEK0	—	Main Unit	—
PWB-B	DUNTK9303WEK5	—	CRT Unit	—
PWB-C	DUNTK9834WEK0	—	Power Unit	—
PWB-F	DUNTK9514WEK1	—	Control Unit	—
32L-X2000				
PWB-A	DUNTK9833WEK1	—	Main Unit	—
PWB-B	DUNTK9835WEK0	—	CRT Unit	—
PWB-C	DUNTK9834WEK1	—	Power Unit	—
PWB-F	DUNTK9514WEK2	—	Control Unit	—
36L-X2000				
PWB-A	DUNTK9833WEK2	—	Main Unit	—
PWB-B	DUNTK9835WEK1	—	CRT Unit	—
PWB-C	DUNTK9834WEK2	—	Power Unit	—
PWB-F	DUNTK9514WEK2	—	Control Unit	—
—End of PRINTED WIRING BOARD ASSEMBLIES—				
PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)				
MAIN UNIT				
TUNER				
NOTE : THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.				
△	TU51	VTUVTBT5UB202	M Tuner	AZ
△	TU52	VTUVTBT5UR202	M Tuner	AZ
INTEGRATED CIRCUITS				
△	IC361	RH-iX1135CEZZ	J LA4261	AH
	IC401	RH-iX3113CEZZ	J TA1276AN	AZ
△	IC740	VHiKA7809Pi-1	R KA7809PI	AE
△	IC741	VHiKA7805Pi-1	R KA7805PI	AE
△	IC752	VHiKA7809Pi-1	R KA7809PI	AE
	IC753	VHiKA7805Pi-1	R KA7805PI	AE
	IC1301	VHiMM1313AD-1	J MM1313AD	AP
	IC1401	VHiTC90A45F-1	J TC90A45F	AM
	IC1402	VHiKA78L05B-1	J KA78L05BP	AE
	IC1403	VHiMM1111XF1E	J MM1111XFBE	AE
	IC1801	VHiM65667FP-2	M M65667FP	BB
▲△	IC2001	RH-iX3274CEZZ	M I.C.	
	IC2002	VHiM24C16B/-1	J M24C16-BN6	AG
	IC2003	VHiKiA7045P-1	J KA7045P	AD
	IC2004	VHiTA78L05S-1	J TA78L05S	AC
	IC3001	VHiCXA2074Q-1	J CXA2074Q	AY
	IC3201	VHiAN5285K/-1	J AN5285K	AP
TRANSISTORS				
Q360	VS2SD601AR/-1	J	2SD601AR	AC
Q403	VS2SA1266-Y-1	J	2SA1266(Y)	AA
Q901	VS2SD601AR/-1	J	2SD601AR	AC
Q902	VS2SD601AR/-1	J	2SD601AR	AC
Q903	VS2SD601AR/-1	J	2SD601AR	AC
Q904	VS2SD601AR/-1	J	2SD601AR	AC
Q905	VS2SD601AR/-1	J	2SD601AR	AC
Q906	VS2SD601AR/-1	J	2SD601AR	AC
Q1301	VS2SD601AR/-1	J	2SD601AR	AC
Q1302	VS2SD601AR/-1	J	2SD601AR	AC
Q1303	VS2SD601AR/-1	J	2SD601AR	AC
Q1401	VS2SD601AR/-1	J	2SD601AR	AC
Q1402	VS2SD601AR/-1	J	2SD601AR	AC
Q1404	VS2SD601AR/-1	J	2SD601AR	AC
Q1405	VS2SD601AR/-1	J	2SD601AR	AC
Q1406	VS2SD601AR/-1	J	2SD601AR	AC
Q1407	VS2SB709AR/-1	J	2SB709AR	AC
Q1408	VS2SB709AR/-1	J	2SB709AR	AC
Q1409	VS2SD601AR/-1	J	2SD601AR	AC
Q1410	VS2SB709AR/-1	J	2SB709AR	AC
Q1411	VS2SB709AR/-1	J	2SB709AR	AC

Ref. No.	Part No.	★	Description	Code
Q1412	VS2SD601AR/-1	J	2SD601AR	AC
Q1436	VS2SD601AR/-1	J	2SD601AR	AC
Q1450	VS2SD601AR/-1	J	2SD601AR	AC
Q1721	VS2SD601AR/-1	J	2SD601AR	AC
Q1741	VS2SD601AR/-1	J	2SD601AR	AC
Q1742	VS2SB709AR/-1	J	2SB709AR	AC
Q1791	VS2SC1959Y/1E	J	2SC1959Y	AC
Q1813	VS2SD601AR/-1	J	2SD601AR	AC
Q1814	VS2SD601AR/-1	J	2SD601AR	AC
Q1815	VS2SD601AR/-1	J	2SD601AR	AC
Q1861	VS2SB709AR/-1	J	2SB709AR	AC
Q2003	VS2SD601AR/-1	J	2SD601AR	AC
Q2004	VSUN2212///-1	J	UN2212	AA
Q2005	VS2SD601AR/-1	J	2SD601AR	AC
Q2008	VS2SD601AR/-1	J	2SD601AR	AC
Q2009	VS2SD601AR/-1	J	2SD601AR	AC
DIODES				
D52	RH-EX0673GEZZ	J	Zener Diode 32V	AB
D62	RH-EX0673GEZZ	J	Zener Diode 32V	AB
D361	VHD1SS119// -1	J	Diode	AB
D362	VHD1SS119// -1	J	Diode	AB
D405	RH-EX0628GEZZ	J	Zener Diode 8.2V	AC
D406	VHD1SS119// -1	J	Diode	AB
D412	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D413	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D414	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D617	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D618	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D619	VHD1SS119// -1	J	Diode	AB
D620	RH-EX0604GEZZ	J	Zener Diode 3.9V	AB
D721	VHD1SS119// -1	J	Diode	AB
D1301	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1302	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1303	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1308	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1310	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1311	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1401	VHD1SS119// -1	J	Diode	AB
D1402	VHD1SS119// -1	J	Diode	AB
D1403	VHD1SS119// -1	J	Diode	AB
D1791	RH-EX0604GEZZ	J	Zener Diode 4.3V	AB
D1801	VHD1SS119// -1	J	Diode	AB
D1821	VHD1SS119// -1	J	Diode	AB
D2004	VHD1SS119// -1	J	Diode	AB
D2005	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2006	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2007	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2008	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2010	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2014	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2024	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2025	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2026	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2030	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2031	RH-DX0441CEZZ	J	Diode	AC
D2033	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
PACKAGED CIRCUITS				
X801	RCRSB0001PEZZ	R	Crystal	AL
X1861	RCRSB0241CEZZ	M	Crystal	AE
FILTERS				
CF501	RFiLA0034CEZZ	J	Filter	AD
CF2001	RFiLC0121GEZZ	J	Filter	AD
COILS				
L401	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L404	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L405	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L1401	VP-XF100K0000	J	Peaking 10μH	AB
L1402	VP-XF100K0000	J	Peaking 10μH	AB
L1403	VP-XF150K0000	J	Peaking 15μH	AB
L1404	VP-XF330K0000	J	Peaking 33μH	AB
L1407	VP-DF1R0K0000	J	Peaking 1μH	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)									
MAIN UNIT (Continued)									
L1412	VP-DF1R0K0000	J	Peaking 1μH	AB	C812	VCEAGA1HW224T	J	0.22 50V EL.	AB
L1721	VP-XF680K0000	J	Peaking 68μH	AB	C813	VCQYTA1HM222J	J	2200p 50V Mylar	AA
L1741	VP-DF1R0K0000	J	Peaking 1μH	AB	C814	VCCCCY1HH110J	J	11p 50V Ceramic	AA
L1742	VP-DF1R0K0000	J	Peaking 1μH	AB	C817	VCCCCY1HH1R0C	J	1.0p 50V Ceramic	AA
L1801	VP-XF100K0000	J	Peaking 10μH	AB	C818	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
L1811	VP-DFR27M0000	J	Peaking 0.27μH	AB	C819	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
L1812	VP-DFR27M0000	J	Peaking 0.27μH	AB	C843	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
L1821	VP-XF100K0000	J	Peaking 10μH	AB	C844	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
L1822	VP-XF100K0000	J	Peaking 10μH	AB	C845	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
L1823	VP-XF100K0000	J	Peaking 10μH	AB	C901	VCEA0A1HW475M	J	4.7 50V EL.	AB
L1861	VP-XF100K0000	J	Peaking 10μH	AB	C903	VCEA0A1HW475M	J	4.7 50V EL.	AB
L1862	VP-XF100K0000	J	Peaking 10μH	AB	C905	VCEA0A1HW336M	M	33 50V EL.	AA
L1863	VP-XF100K0000	J	Peaking 10μH	AB	C956	VCEA0A1CW337M	J	330 16V EL.	AC
L2001	VP-XF100K0000	J	Peaking 10μH	AB	C1301	RC-QZA104TAYK	J	0.1 50V Mylar	AB
L2002	VP-MK100K0000	J	Peaking 10μH	AB	C1302	VCEA0A1HW105M	J	1 50V EL.	AB
T2001	RCiLB0158CEZZ	M	Oscillation Coil	AC	C1303	VCEA0A1HW105M	J	1 50V EL.	AB
CAPACITORS					C1307	RC-QZA183TAYJ	J	0.018 50V Mylar	AB
[EL.... Electrolytic]					C1308	VCEA0A1HW335M	J	3.3 50V EL.	AB
C51	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	C1309	VCEA0A1HW335M	J	3.3 50V EL.	AB
C52	VCEA0A1CW108M	J	1000 16V EL.	AD	C1310	RC-QZA104TAYK	J	0.1 50V Mylar	AB
C54	VCEA0A1HW105M	J	1 50V EL.	AB	C1311	RC-QZA183TAYJ	J	0.018 50V Mylar	AB
C56	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1312	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C61	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	C1313	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C62	VCEA0A1CW108M	J	1000 16V EL.	AD	C1314	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C64	VCEA0A1HW105M	J	1 50V EL.	AB	C1317	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C66	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1318	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C360	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1322	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C361	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1323	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C363	VCEA0A1EW477M	J	470 25V EL.	AD	C1324	RC-QZA104TAYK	J	0.1 50V Mylar	AB
C364	VCEA0A1EW107M	J	100 25V EL.	AC	C1325	VCEA0A1VW226M	M	22 35V EL.	AA
C365	VCEA0A1AW107M	J	100 10V EL.	AB	C1326	VCEA0A1CW107M	J	100 16V EL.	AC
C368	VCEA0A1CW477M	J	470 16V EL.	AC	C1327	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C369	VCEA0A1CW477M	J	470 16V EL.	AC	C1328	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C370	VCEA0A1AW107M	J	100 10V EL.	AB	C1329	VCEA0A1HW105M	J	1 50V EL.	AB
C371	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1330	VCEA0A1HW105M	J	1 50V EL.	AB
C372	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1331	VCCCCY1HH680J	J	68p 50V Ceramic	AA
C380	RC-QZA103TAYK	J	0.01 50V Mylar	AA	C1332	RC-QZA104TAYK	J	0.1 50V Mylar	AB
C381	RC-QZA103TAYK	J	0.01 50V Mylar	AA	C1333	VCE9GA1HW335M	J	3.3 50V Elect.(N.P)	AB
C401	VCEA0A1CW337M	J	330 16V EL.	AC	C1334	VCE9GA1HW335M	J	3.3 50V Elect.(N.P)	AB
C402	VCEA0A1VW226M	M	22 35V EL.	AA	C1340	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C403	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1401	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C404	VCEA0A1HW105M	J	1 50V EL.	AB	C1402	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C405	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1404	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C406	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1405	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C407	VCEA0A1CW337M	J	330 16V EL.	AC	C1406	VCEA0A1EW476M	J	47 25V EL.	AB
C408	VCEA0A1HW474M	J	0.47 50V EL.	AB	C1407	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C409	VCFYSA1HB334J	J	0.33 50V Mylar	AB	C1408	VCCCCY1HH181J	J	180p 50V Ceramic	AA
C410	VCEA0A1HW105M	J	1 50V EL.	AB	C1409	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C411	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	C1410	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C427	VCFYSA1HB104J	J	0.1 50V Mylar	AB	C1411	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C440	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1412	VCEA0A1EW476M	J	47 25V EL.	AB
C447	VCEA0A1CW337M	J	330 16V EL.	AC	C1413	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C601	VCFYSA1HB103J	J	0.01 50V Mylar	AA	C1414	VCFYSA1HB474J	J	0.47 50V Mylar	AC
C613	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1415	VCCCCY1HH150J	J	15p 50V Ceramic	AA
C616	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1416	VCEA0A1CW107M	J	100 16V EL.	AC
C617	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1417	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C618	VCFYSA1HB223J	J	0.022 50V Mylar	AA	C1418	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C619	VCEA0A1CW337M	J	330 16V EL.	AC	C1420	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C620	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1421	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C621	VCKYCY1HB152K	J	1500p 50V Ceramic	AA	C1422	VCEA0A1EW476M	J	47 25V EL.	AB
C743	VCEA0A1EW476M	J	47 25V EL.	AB	C1423	RC-QZA473TAYJ	J	0.047 50V Mylar	AB
C744	VCEA0A1CW227M	J	220 16V EL.	AC	C1424	VCEA0A1HW105M	J	1 50V EL.	AB
C745	VCEA0A1EW476M	J	47 25V EL.	AB	C1425	RC-QZA472TAYJ	J	0.0047 50V Mylar	AB
C746	VCEA0A1HW106M	J	10 50V EL.	AB	C1426	RC-QZA473TAYJ	J	0.047 50V Mylar	AB
C780	VCEA0A1HW106M	J	10 50V EL.	AB	C1428	RC-QZA472TAYJ	J	0.0047 50V Mylar	AB
C781	VCEA0A1EW476M	J	47 25V EL.	AB	C1429	VCEA0A1HW105M	J	1 50V EL.	AB
C782	VCEA0A1HW106M	J	10 50V EL.	AB	C1430	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C783	VCEA0A1EW476M	J	47 25V EL.	AB	C1431	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C803	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1432	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C806	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1433	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C807	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1435	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
					C1437	VCCSPA1HL102J	J	1000p 50V Ceramic	AA
					C1438	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
					C1439	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
					C1450	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
					C1719	VCKYCY1CB104K	J	0.1 16V Ceramic	AB

Ref. No. Part No. ★ Description Code

PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)

MAIN UNIT (Continued)

C1721	VCE9GA1CW106M	J	10	16V	Elect.(N.P)	AB
C1722	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C1724	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C1725	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C1726	VCFYSA1HB104J	J	0.1	50V	Mylar	AB
C1729	VCEA0A1HW106M	J	10	50V	EL.	AB
C1741	RC-QZA473TAYJ	J	0.047	50V	Mylar	AB
C1742	VCEA0A1HW105M	J	1	50V	EL.	AB
C1743	RC-QZA472TAYJ	J	0.0047	50V	Mylar	AB
C1744	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1747	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C1791	VCEA0A1AW107M	J	100	10V	EL.	AB
C1792	VCEA0A1AW107M	J	100	10V	EL.	AB
C1793	VCKYPA1HF103Z	J	0.01	50V	Ceramic	AA
C1801	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1802	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1803	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1804	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1805	VCEA0A1HW106M	J	10	50V	EL.	AB
C1806	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1807	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1809	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1810	VCEA0A1VW226M	M	22	35V	EL.	AA
C1811	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1812	VCEA0A1HW106M	J	10	50V	EL.	AB
C1817	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1821	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1822	VCEA0A1HW106M	J	10	50V	EL.	AB
C1833	RC-QZA562TAYJ	J	0.0056	50V	Mylar	AB
C1841	VCEA0A1HW106M	J	10	50V	EL.	AB
C1842	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1843	VCCCCY1HH680J	J	68p	50V	Ceramic	AA
C1844	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1845	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1846	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C1847	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C1848	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1849	VCEA0A1HW106M	J	10	50V	EL.	AB
C1850	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1851	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1861	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1862	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1863	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1865	RC-QZA154TAYJ	J	0.15	50V	Mylar	AC
C1866	RC-QZA103TAYJ	J	0.01	50V	Mylar	AB
C1867	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C1868	VCFYSA1HB474J	J	0.47	50V	Mylar	AC
C1869	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C1870	VCEA0A1HW106M	J	10	50V	EL.	AB
C1871	VCEA0A1HW106M	J	10	50V	EL.	AB
C1872	VCKYCY1EB103K	J	0.01	25V	Ceramic	AA
C2006	VCEA0A1HW105M	J	1	50V	EL.	AB
C2007	VCKYCY1HB561K	J	560p	50V	Ceramic	AA
C2008	RC-QZA104TAYJ	J	0.1	50V	Mylar	AC
C2009	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C2010	VCKYCY1HB221K	J	220p	50V	Ceramic	AA
C2011	VCEA0A1HW105M	J	1	50V	EL.	AB
C2012	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C2013	VCKYCY1CB104K	J	0.1	16V	Ceramic	AB
C2014	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C2016	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C2017	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2018	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C2019	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C2020	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C2021	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C2022	VCEA0A1HW106M	J	10	50V	EL.	AB
C2023	VCEA0A1AW107M	J	100	10V	EL.	AB
C2025	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C2026	VCEA0A0JW477M	J	470	6.3V	EL.	AC
C2027	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C2028	VCEA0A1AW107M	J	100	10V	EL.	AB

Ref. No.	Part No.	★	Description	Code
C2029	VCFYSA1HB474J	J	0.47 50V Mylar	AC
C2030	VCEA0A1HW106M	J	10 50V EL.	AB
C2031	VCEA0A1CW338M	M	3300 16V EL.	AD
C2032	VCCCCY1HH270J	J	27p 50V Ceramic	AA
C2034	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C2040	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C2042	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3001	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3002	VCKYCY1HB562K	J	5600p 50V Ceramic	AA
C3003	RC-QZA123TAYK	J	0.012 50V Mylar	AB
C3004	VCEA0A1HW105M	J	1 50V EL.	AB
C3005	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3006	VCEA0A1HW106M	J	10 50V EL.	AB
C3007	VCEA0A1HW475M	J	4.7 50V EL.	AB
C3008	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C3009	VCEA0A1CW227M	J	220 16V EL.	AC
C3010	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3011	VCEA0A1HW475M	J	4.7 50V EL.	AB
C3012	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3013	VCKYCY1HB272K	J	2700p 50V Ceramic	AA
C3014	RC-QZA473TAYK	J	0.047 50V Mylar	AB
C3015	VCSATA1CE335K	J	3.3 16V Tantalum	AC
C3016	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3017	VCSATA1CE106K	J	10 16V Tantalum	AD
C3018	VCEA0A1HW105M	J	1 50V EL.	AB
C3029	VCKYCY1HB682K	J	6800p 50V Ceramic	AA
C3030	VCKYCY1HB682K	J	6800p 50V Ceramic	AA
C3031	VCKYCY1CB473K	J	0.047 16V Ceramic	AA
C3032	VCKYCY1CB473K	J	0.047 16V Ceramic	AA
C3201	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3202	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3203	VCEA0A1HW475M	J	4.7 50V EL.	AB
C3204	VCEA0A1HW106M	J	10 50V EL.	AB
C3205	VCEA0A1HW106M	J	10 50V EL.	AB
C3206	VCKYCY1HB103K	J	0.01 50V Ceramic	AA
C3207	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3208	VCE9GA1HW475M	J	4.7 50V Elect.(N.P)	AB
C3209	VCEA0A1HW106M	J	10 50V EL.	AB

RESISTORS

[M-Ox. ... Metal Oxide, M-Film ... Metal Film]

RJ1	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ2	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ5	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ6	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ7	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ8	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ10	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ13	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ15	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ16	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ17	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ20	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ21	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ30	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ32	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ33	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ34	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ38	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ39	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ41	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ42	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ43	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ46	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ48	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ49	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ50	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ51	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ52	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ53	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ54	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ55	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ56	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ57	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ58	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA
RJ59	VRS-CY1JF000J	J	0 1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)									
MAIN UNIT (Continued)									
RJ60	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R803	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
RJ61	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R807	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
RJ62	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R814	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
RJ63	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R817	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA
RJ64	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R820	VRD-RA2BE101J	J 100	1/8W Carbon	AB
RJ65	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R821	VRD-RA2BE101J	J 100	1/8W Carbon	AB
RJ67	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R822	VRD-RA2BE101J	J 100	1/8W Carbon	AB
RJ68	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R823	VRD-RA2BE101J	J 100	1/8W Carbon	AB
RJ69	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R827	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
RJ70	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R828	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
RJ72	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R829	VRS-CY1JF822J	J 8.2k	1/16W M-Ox.	AA
RJ73	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R830	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
RJ77	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R903	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
RJ78	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R904	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
RJ81	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R905	VRS-CY1JF123J	J 12k	1/16W M-Ox.	AA
RJ82	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R906	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
RJ83	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R907	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
RJ84	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R908	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
RJ85	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R910	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
RJ91	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R911	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
RJ92	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R912	VRS-CY1JF123J	J 12k	1/16W M-Ox.	AA
RJ93	VRS-TV1JD000J	J 0	1/16W M-Ox.	AA	R913	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
RJ94	VRS-TV1JD000J	J 0	1/16W M-Ox.	AA	R914	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R52	VRD-RA2BE101J	J 100	1/8W Carbon	AB	R915	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R53	VRD-RA2BE101J	J 100	1/8W Carbon	AB	R920	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
R54	VRD-RA2BE1R0J	J 1	1/8W Carbon	AA	R921	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R62	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R922	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R63	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R963	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R64	VRD-RA2BE1R0J	J 1	1/8W Carbon	AA	R1301	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R351	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1303	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R360	VRS-CY1JF560J	J 56	1/16W M-Ox.	AA	R1305	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R361	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA	R1306	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R362	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA	R1307	VRS-CY1JF680J	J 68	1/16W M-Ox.	AA
R363	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA	R1308	VRS-CY1JF6R8J	J 6.8	1/16W M-Ox.	AA
R364	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA	R1309	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R365	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA	R1310	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R370	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA	R1311	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R371	VRD-RA2EE3R3J	J 3.3	1/4W Carbon	AA	R1312	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R372	VRD-RA2EE3R3J	J 3.3	1/4W Carbon	AA	R1313	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R401	VRS-CY1JF562J	J 5.6k	1/16W M-Ox.	AA	R1314	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R402	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA	R1315	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R403	VRD-RA2EE680J	J 68	1/4W Carbon	AA	R1316	VRS-CY1JF333J	J 33k	1/16W M-Ox.	AA
R405	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R1321	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R406	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R1322	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R407	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1323	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R410	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R1324	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R411	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R1325	VRS-CY1JF272J	J 2.7k	1/16W M-Ox.	AA
R412	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R1326	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R414	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1327	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R415	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1328	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R416	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1329	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R418	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1330	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R419	VRS-CY1JF822J	J 8.2k	1/16W M-Ox.	AA	R1331	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R425	VRS-CY1JF474J	J 470k	1/16W M-Ox.	AA	R1332	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R428	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1333	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R435	VRS-CY1JF395J	J 3.9M	1/16W M-Ox.	AA	R1334	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R540	VRS-CY1JF391J	J 390	1/16W M-Ox.	AA	R1335	VRD-RA2BE100J	J 10	1/8W Carbon	AA
R541	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1336	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R602	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1337	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R603	VRD-RA2EE331J	J 330	1/4W Carbon	AA	R1338	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R613	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA	R1340	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R616	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA	R1342	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
R617	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R1401	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R618	VRS-CY1JF274J	J 270k	1/16W M-Ox.	AA	R1402	VRS-CY1JF561J	J 560	1/16W M-Ox.	AA
R620	VRD-RA2BE153J	J 15k	1/8W Carbon	AA	R1403	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R627	VRS-SV2HC101J	J 100	1/2W M-Ox.	AA	R1404	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
△ R738	VRS-RG3LB123J	M 12k	3.0W M-Ox.	AB	R1405	VRS-CY1JF331J	J 330	1/16W M-Ox.	AA
△ R744	VRS-RG3DB330J	M 33	2W M-Ox.	AA	R1406	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
△ R745	VRS-RG3LB120J	M 12	3.0W M-Ox.	AB	R1407	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
△ R746	VRS-RG3DB330J	M 33	2W M-Ox.	AA	R1408	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R781	VRN-RL2HC1R0J	M 1	1/2W M-Film	AA	R1411	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
△ R782	VRS-VV3DB270J	J 27	2W M-Ox.	AA	R1412	VRS-CY1JF152J	J 1.5k	1/16W M-Ox.	AA
					R1413	VRS-CY1JF561J	J 560	1/16W M-Ox.	AA
					R1414	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
					R1415	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA
					R1416	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA

Ref. No. Part No. ★ Description Code

PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)

MAIN UNIT (Continued)

R1418	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1419	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1420	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1421	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1422	VRS-CY1JF684J	J	680k	1/16W	M-Ox.	AA
R1423	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1424	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1425	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1426	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1427	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1428	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1429	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1430	VRS-CY1JF684J	J	680k	1/16W	M-Ox.	AA
R1431	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1432	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1433	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1443	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1444	VRD-RA2BE182J	J	1.8k	1/8W	Carbon	AA
R1445	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1446	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1447	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1448	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1450	VRS-CY1JF273J	J	27k	1/16W	M-Ox.	AA
R1452	VRS-CY1JF562J	J	5.6k	1/16W	M-Ox.	AA
R1453	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1718	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R1720	VRS-CY1JF392J	J	3.9k	1/16W	M-Ox.	AA
R1721	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R1722	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1723	VRS-CY1JF822J	J	8.2k	1/16W	M-Ox.	AA
R1724	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1741	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R1742	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1743	VRS-CY1JF151J	J	150	1/16W	M-Ox.	AA
R1744	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1745	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R1746	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R1747	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1791	VRD-RA2BE151J	J	150	1/8W	Carbon	AA
R1801	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1810	VRD-RA2BE473J	J	47k	1/8W	Carbon	AA
R1812	VRD-RA2BE123J	J	12k	1/8W	Carbon	AA
R1813	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1816	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R1817	VRD-RA2BE123J	J	12k	1/8W	Carbon	AA
R1819	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R1821	VRS-CY1JF123J	J	12k	1/16W	M-Ox.	AA
R1822	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R1823	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1825	VRS-CY1JF183J	J	18k	1/16W	M-Ox.	AA
R1828	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1831	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA
R1832	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1833	VRS-CY1JF272J	J	2.7k	1/16W	M-Ox.	AA
R1834	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R1841	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1842	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R1843	VRS-CY1JF391J	J	390	1/16W	M-Ox.	AA
R1861	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R1862	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R1863	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R1864	VRS-CY1JF221J	J	220	1/16W	M-Ox.	AA
R1865	VRS-CY1JF474J	J	470k	1/16W	M-Ox.	AA
R1866	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R1867	VRS-CY1JF202J	J	2.0k	1/16W	M-Ox.	AA
R1868	VRS-CY1JF510J	M	51	1/16W	M-Ox.	AA
R1869	VRS-CY1JF122J	J	1.2k	1/16W	M-Ox.	AA
R1870	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2001	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R2002	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R2003	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R2004	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA

R2005	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2006	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2007	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
▲△ R2008	VRD-RA2BE273J	J	27k	1/8W	Carbon	AA
R2009	VRD-RA2BE223J	J	22k	1/8W	Carbon	AA
R2010	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
▲△ R2011	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R2012	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R2015	VRD-RA2BE102J	J	1.0k	1/8W	Carbon	AA
R2016	VRS-CY1JF473J	J	47k	1/16W	M-Ox.	AA
R2017	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2018	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2019	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2020	VRD-RA2EE821J	J	820	1/4W	Carbon	AA
R2021	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2022	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2024	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R2025	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2026	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2027	VRD-RA2BE682J	J	6.8k	1/8W	Carbon	AA
R2028	VRS-CY1JF222J	J	2.2k	1/16W	M-Ox.	AA
R2030	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2031	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R2032	VRD-RA2EE182J	J	1.8k	1/4W	Carbon	AA
R2033	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R2034	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA
R2035	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R2036	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2037	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2038	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R2039	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2040	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R2043	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2045	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2046	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2048	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R2051	VRS-CY1JF223J	J	22k	1/16W	M-Ox.	AA
R2052	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2053	VRS-CY1JF472J	J	4.7k	1/16W	M-Ox.	AA
R2054	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R2057	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2058	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2059	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2060	VRS-CY1JF184J	J	180k	1/16W	M-Ox.	AA
R2061	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2062	VRD-RA2BE823J	J	82k	1/8W	Carbon	AA
R2063	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2064	VRS-CY1JF153J	J	15k	1/16W	M-Ox.	AA
R2065	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2066	VRD-RA2BE183J	J	18k	1/8W	Carbon	AA
R2067	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2068	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2069	VRD-RA2BE123J	J	12k	1/8W	Carbon	AA
R2070	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2071	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2073	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2074	VRD-RA2BE103J	J	10k	1/8W	Carbon	AA
R2075	VRS-CY1JF682J	J	6.8k	1/16W	M-Ox.	AA
R2076	VRS-CY1JF102J	J	1.0k	1/16W	M-Ox.	AA
R2077	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2078	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R2080	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R2081	VRS-CY1JF471J	J	470	1/16W	M-Ox.	AA
R2084	VRD-RA2BE472J	J	4.7k	1/8W	Carbon	AA
R2092	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R2093	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R2094	VRS-CY1JF333J	J	33k	1/16W	M-Ox.	AA
R2095	VRS-CY1JF101J	J	100	1/16W	M-Ox.	AA
R2097	VRS-CY1JF103J	J	10k	1/16W	M-Ox.	AA
R2099	VRD-RA2BE101J	J	100	1/8W	Carbon	AB
R3001	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
R3002	VRD-RA2BE221J	J	220	1/8W	Carbon	AA
R3003	VRS-CY1JF105J	J	1.0M	1/16W	M-Ox.	AA
R3004	VRS-CY1JF104J	J	100k	1/16W	M-Ox.	AA
R3006	VRS-CY1JF623J	J	62k	1/16W	M-Ox.	AA
R3007	VRS-CY1JF332J	J	3.3k	1/16W	M-Ox.	AA

Ref. No.	Part No.	★	Description	Code
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PWB-A: DUNTK9833WEK0(32L-S500,CL32S50)
MAIN UNIT (Continued)

R3008	VRS-CY1JF302J	J	3.0k 1/16W	M-Ox.	AA
R3010	VRS-CY1JF392J	J	3.9k 1/16W	M-Ox.	AA
R3011	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3012	VRS-CY1JF102J	J	1.0k 1/16W	M-Ox.	AA
R3013	VRD-RA2BE101J	J	100 1/8W	Carbon	AB
R3014	VRD-RA2BE101J	J	100 1/8W	Carbon	AB
R3015	VRD-RA2BE102J	J	1.0k 1/8W	Carbon	AA
R3016	VRD-RA2BE102J	J	1.0k 1/8W	Carbon	AA
R3017	VRD-RA2BE101J	J	100 1/8W	Carbon	AB
R3018	VRD-RA2BE101J	J	100 1/8W	Carbon	AB
R3104	VRD-RA2BE102J	J	1.0k 1/8W	Carbon	AA
R3201	VRS-CY1JF225J	J	2.2M 1/16W	M-Ox.	AA
R3202	VRS-CY1JF682J	J	6.8k 1/16W	M-Ox.	AA
R3203	VRS-CY1JF101J	J	100 1/16W	M-Ox.	AA

MISCELLANEOUS PARTS

J1301	QTANJ0533CEZZ	M	Terminal Video/Audio-IN		
J1302	QSOCD0430CEZZ	J	Socket Video-1 S-Video	AE	
P109	QPLGN0661CEZZ	J	Plug 6-Pin(EJ)	AD	
P351	QPLGN0461CEZZ	J	Plug 4-Pin(S)	AB	
P603	QPLGN0861CEZZ	J	Plug 8-Pin(D)	AC	
P1801	QPLGN0961CEZZ	J	Plug 9-Pin(C)	AD	
P1802	QPLGN0561CEZZ	J	Plug 5-Pin(GBN)	AB	
P1803	QPLGN1061CEZZ	J	Plug 10-Pin(H)	AC	
P2001	QPLGN0561CEZZ	J	Plug 5-Pin(TP2001-5)	AB	
P2002	QPLGN0561CEZZ	J	Plug 5-Pin(KA)	AB	
P2003	QPLGN0461CEZZ	J	Plug 4-Pin(YR)	AB	
RDA361	PRDAR5006MEFW	M	Heat Sink, for IC361	AC	
RDA740	PRDAR5072CEFW	J	Heat Sink, for IC740	AC	
RDA741	PRDAR5072CEFW	J	Heat Sink, for IC741	AC	
SLD1801	PSLDM0012MEFW	M	Shield	AC	
	LHLDW1002PEZZ	R	Holder	AB	
	LX-BZ3049GEFD	J	Screw	AA	

Ref. No.	Part No.	★	Description	Code
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PWB-A: DUNTK9833WEK1(32L-X2000)
PWB-A: DUNTK9833WEK2(36L-X2000)
MAIN UNIT

TUNER

NOTE : THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

△ TU51	VTUVTBT5UB202	M	Tuner	AZ
△ TU52	VTUVTBT5UR202	M	Tuner	AZ

INTEGRATED CIRCUITS

△ IC361	RH-iX1135CEZZ	J	LA4261	AH
IC401	RH-iX3113CEZZ	J	TA1276AN	AZ
△ IC740	VHiKA7809Pi-1	R	KA7809PI	AE
△ IC741	VHiKA7805Pi-1	R	KA7805PI	AE
△ IC752	VHiKA7809Pi-1	R	KA7809PI	AE
IC753	VHiKA7805Pi-1	R	KA7805PI	AE
IC1301	VHiMM1313AD-1	J	MM1313AD	AP
IC1401	VHiTC90A45F-1	J	TC90A45F	AM
IC1402	VHiKA78L05B-1	J	KA78L05BP	AE
IC1403	VHiMM1111XF1E	J	MM1111XFBE	AE
IC1702	VHiM52055FP-1	J	M52055FP	AH
IC1703	VHiMM1111XF1E	J	MM1111XFBE	AE
IC1801	VHiM65667FP-2	M	M65667FP	BB
△ △ IC2001	RH-iX3274CEZZ	M	I.C.	AX
IC2002	VHiM24C16B/-1	J	M24C16-BN6	AG
IC2003	VHiKA7045P-1	R	KA7045P	AD
IC2004	VHiTA78L05S-1	J	TA78L05S	AC
IC2007	VHiMM1112XF1E	J	MM1112XFBE	AF
IC3001	VHiCXA2074Q-1	J	CXA2074Q	AY
IC3201	VHiAN5285K/-1	J	AN5285K	AP
IC3301	VHiM62494SP-1	M	M62494SP	AH
IC4001	RH-iX3232CEZZ	J	SSE96G	AV
IC4002	VHiBA15218F-1	J	BA15218F	AD

TRANSISTORS

Q360	VS2SD601AR/-1	J	2SD601AR	AC
Q403	VS2SA1266-Y-1	J	2SA1266(Y)	AA
Q404	VS2SK30AG//2E	J	2SK30AG	AD
Q405	VS2SD601AR/-1	J	2SD601AR	AC
Q406	VS2SD601AR/-1	J	2SD601AR	AC
Q408	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q409	VS2SD601AR/-1	J	2SD601AR	AC
Q410	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q901	VS2SD601AR/-1	J	2SD601AR	AC
Q902	VS2SD601AR/-1	J	2SD601AR	AC
Q903	VS2SD601AR/-1	J	2SD601AR	AC
Q904	VS2SD601AR/-1	J	2SD601AR	AC
Q905	VS2SD601AR/-1	J	2SD601AR	AC
Q906	VS2SD601AR/-1	J	2SD601AR	AC
Q1301	VS2SD601AR/-1	J	2SD601AR	AC
Q1302	VS2SD601AR/-1	J	2SD601AR	AC
Q1303	VS2SD601AR/-1	J	2SD601AR	AC
Q1401	VS2SD601AR/-1	J	2SD601AR	AC
Q1402	VS2SD601AR/-1	J	2SD601AR	AC
Q1404	VS2SD601AR/-1	J	2SD601AR	AC
Q1405	VS2SD601AR/-1	J	2SD601AR	AC
Q1406	VS2SD601AR/-1	J	2SD601AR	AC
Q1407	VS2SB709AR/-1	J	2SB709AR	AC
Q1408	VS2SB709AR/-1	J	2SB709AR	AC
Q1409	VS2SD601AR/-1	J	2SD601AR	AC
Q1410	VS2SB709AR/-1	J	2SB709AR	AC
Q1411	VS2SB709AR/-1	J	2SB709AR	AC
Q1412	VS2SD601AR/-1	J	2SD601AR	AC
Q1436	VS2SD601AR/-1	J	2SD601AR	AC
Q1450	VS2SD601AR/-1	J	2SD601AR	AC
Q1721	VS2SD601AR/-1	J	2SD601AR	AC
Q1741	VS2SD601AR/-1	J	2SD601AR	AC
Q1742	VS2SB709AR/-1	J	2SB709AR	AC
Q1791	VS2SC1959Y/1E	J	2SC1959Y	AC
Q1813	VS2SD601AR/-1	J	2SD601AR	AC
Q1814	VS2SD601AR/-1	J	2SD601AR	AC
Q1815	VS2SD601AR/-1	J	2SD601AR	AC
Q1861	VS2SB709AR/-1	J	2SB709AR	AC
Q2003	VS2SD601AR/-1	J	2SD601AR	AC

Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)				
PWB-A: DUNTK9833WEK2(36L-X2000)				
MAIN UNIT (Continued)				
Q2004	VSUN2212///-1	J	UN2212	AA
Q2005	VS2SD601AR/-1	J	2SD601AR	AC
Q2008	VS2SD601AR/-1	J	2SD601AR	AC
Q2009	VS2SD601AR/-1	J	2SD601AR	AC
Q4001	VS2SD601AR/-1	J	2SD601AR	AC
Q4002	VS2SD601AR/-1	J	2SD601AR	AC
Q4003	VS2SD601AR/-1	J	2SD601AR	AC
Q4004	VS2SD601AR/-1	J	2SD601AR	AC
Q4071	VS2SD601AR/-1	J	2SD601AR	AC
Q4072	VS2SD601AR/-1	J	2SD601AR	AC

DIODES

D52	RH-EX0673GEZZ	J	Zener Diode 32V	AB
D62	RH-EX0673GEZZ	J	Zener Diode 32V	AB
D361	VHD1SS119// -1	J	Diode	AB
D362	VHD1SS119// -1	J	Diode	AB
D405	RH-EX0628GEZZ	J	Zener Diode 8.2V	AC
D406	VHD1SS119// -1	J	Diode	AB
D411	VHD1SS119// -1	J	Diode	AB
D412	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D413	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D414	RH-EX0618GEZZ	J	Zener Diode 6.2V	AA
D617	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D618	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D619	VHD1SS119// -1	J	Diode	AB
D620	RH-EX0604GEZZ	J	Zener Diode 3.9V	AB
D721	VHD1SS119// -1	J	Diode	AB
D1301	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1302	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1303	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1304	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1305	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1306	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1308	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1310	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1311	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1401	VHD1SS119// -1	J	Diode	AB
D1402	VHD1SS119// -1	J	Diode	AB
D1403	VHD1SS119// -1	J	Diode	AB
D1701	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1702	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1704	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1705	RH-EX0631GEZZ	J	Zener Diode 9V	AA
D1791	RH-EX0604GEZZ	J	Zener Diode 4.3V	AB
D1801	VHD1SS119// -1	J	Diode	AB
D1821	VHD1SS119// -1	J	Diode	AB
D2004	VHD1SS119// -1	J	Diode	AB
D2005	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2006	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2007	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2008	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2010	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2014	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2024	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2025	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2026	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2030	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D2031	RH-DX0441CEZZ	J	Diode	AC
D2033	RH-EX0616GEZZ	J	Zener Diode 6.2V	AA
D4001	VHD1SS119// -1	J	Diode	AB
D4002	VHD1SS119// -1	J	Diode	AB

PACKAGED CIRCUITS

X801	RCRSB0001PEZZ	R	Crystal	AL
X1861	RCRSB0241CEZZ	M	Crystal	AE

FILTERS

CF501	RFiLA0034CEZZ	J	Filter	AD
CF2001	RFiLC0121GEZZ	J	Filter	AD

Ref. No.	Part No.	★	Description	Code
COILS				
L401	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L404	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L405	VP-XF4R7K0000	J	Peaking 4.7μH	AB
L1401	VP-XF100K0000	J	Peaking 10μH	AB
L1402	VP-XF100K0000	J	Peaking 10μH	AB
L1403	VP-XF150K0000	J	Peaking 15μH	AB
L1404	VP-XF330K0000	J	Peaking 33μH	AB
L1407	VP-DF1R0K0000	J	Peaking 1μH	AB
L1412	VP-DF1R0K0000	J	Peaking 1μH	AB
L1721	VP-XF680K0000	J	Peaking 68μH	AB
L1741	VP-DF1R0K0000	J	Peaking 1μH	AB
L1742	VP-DF1R0K0000	J	Peaking 1μH	AB
L1801	VP-XF100K0000	J	Peaking 10μH	AB
L1811	VP-DFR27M0000	J	Peaking 0.27μH	AB
L1812	VP-DFR27M0000	J	Peaking 0.27μH	AB
L1821	VP-XF100K0000	J	Peaking 10μH	AB
L1822	VP-XF100K0000	J	Peaking 10μH	AB
L1823	VP-XF100K0000	J	Peaking 10μH	AB
L1861	VP-XF100K0000	J	Peaking 10μH	AB
L1862	VP-XF100K0000	J	Peaking 10μH	AB
L1863	VP-XF100K0000	J	Peaking 10μH	AB
L2001	VP-XF100K0000	J	Peaking 10μH	AB
L2002	VP-MK100K0000	J	Peaking 10μH	AB
T2001	RCiLB0158CEZZ	M	Oscillation Coil	AC

CAPACITORS

[EL.... Electrolytic]

C51	VCKYPA1HF103Z	J	0.01 50V	Ceramic	AA
C52	VCEA0A1CW108M	J	1000 16V	EL.	AD
C54	VCEA0A1HW105M	J	1.0 50V	EL.	AB
C56	RC-QZA104TAYK	J	0.1 50V	Mylar	AB
C61	VCKYPA1HF103Z	J	0.01 50V	Ceramic	AA
C62	VCEA0A1CW108M	J	1000 16V	EL.	AD
C64	VCEA0A1HW105M	J	1.0 50V	EL.	AB
C66	RC-QZA104TAYK	J	0.1 50V	Mylar	AB
C360	VCEA0A1HW225M	J	2.2 50V	EL.	AB
C361	VCEA0A1HW225M	J	2.2 50V	EL.	AB
C363	VCEA0A1EW477M	J	470 25V	EL.	AD
C364	VCEA0A1EW107M	J	100 25V	EL.	AC
C365	VCEA0A1AW107M	J	100 10V	EL.	AB
C368	VCEA0A1CW477M	J	470 16V	EL.	AC
C369	VCEA0A1CW477M	J	470 16V	EL.	AC
C370	VCEA0A1AW107M	J	100 10V	EL.	AB
C371	RC-QZA104TAYK	J	0.1 50V	Mylar	AB
C372	RC-QZA104TAYK	J	0.1 50V	Mylar	AB
C380	RC-QZA103TAYK	J	0.01 50V	Mylar	AA
C381	RC-QZA103TAYK	J	0.01 50V	Mylar	AA
C401	VCEA0A1CW337M	J	330 16V	EL.	AC
C402	VCEA0A1VW226M	M	22 35V	EL.	AA
C403	VCKYCY1EB103K	J	0.01 25V	Ceramic	AA
C404	VCEA0A1HW105M	J	1.0 50V	EL.	AB
C405	VCEA0A1HW225M	J	2.2 50V	EL.	AB
C406	VCKYCY1EB103K	J	0.01 25V	Ceramic	AA
C407	VCEA0A1CW337M	J	330 16V	EL.	AC
C408	VCEA0A1HW474M	J	0.47 50V	EL.	AB
C409	VCFYSA1HB334J	J	0.33 50V	Mylar	AB
C410	VCEA0A1HW105M	J	1.0 50V	EL.	AB
C411	VCKYPA1HF103Z	J	0.01 50V	Ceramic	AA
C417	VCEA0A1HW106M	J	10 50V	EL.	AB
C418	VCKYCY1HF103Z	J	0.01 50V	Ceramic	AA
C420	VCKYCY1HF103Z	J	0.01 50V	Ceramic	AA
C424	VCKYCY1HF103Z	J	0.01 50V	Ceramic	AA
C425	VCKYCY1HB471K	J	470p 50V	Ceramic	AA
C426	VCKYCY1HF103Z	J	0.01 50V	Ceramic	AA
C427	VCFYSA1HB104J	J	0.1 50V	Mylar	AB
C430	VCEA0A1EW476M	J	47 25V	EL.	AB
C431	VCKYPA1HF103Z	J	0.01 50V	Ceramic	AA
C440	VCKYCY1EB103K	J	0.01 25V	Ceramic	AA
C447	VCEA0A1CW337M	J	330 16V	EL.	AC
C601	VCFYSA1HB103J	J	0.01 50V	Mylar	AA
C613	VCKYCY1EB103K	J	0.01 25V	Ceramic	AA
C616	VCEA0A1HW225M	J	2.2 50V	EL.	AB
C617	VCEA0A1HW225M	J	2.2 50V	EL.	AB
C618	VCFYSA1HB223J	J	0.022 50V	Mylar	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)									
PWB-A: DUNTK9833WEK2(36L-X2000)									
MAIN UNIT (Continued)									
C619	VCEA0A1CW337M	J	330 16V EL.	AC	C1412	VCEA0A1EW476M	J	47 25V EL.	AB
C620	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1413	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C621	VCKYCY1HB152K	J	1500p 50V Ceramic	AA	C1414	VCFYSA1HB474J	J	0.47 50V Mylar	AC
C743	VCEA0A1EW476M	J	47 25V EL.	AB	C1415	VCCCCY1HH150J	J	15p 50V Ceramic	AA
C744	VCEA0A1CW227M	J	220 16V EL.	AC	C1416	VCEA0A1CW107M	J	100 16V EL.	AC
C745	VCEA0A1EW476M	J	47 25V EL.	AB	C1417	VCCCCY1HH390J	J	39p 50V Ceramic	AA
C746	VCEA0A1HW106M	J	10 50V EL.	AB	C1418	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C780	VCEA0A1HW106M	J	10 50V EL.	AB	C1420	VCCCCY1HH120J	J	12p 50V Ceramic	AA
C781	VCEA0A1EW476M	J	47 25V EL.	AB	C1421	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C782	VCEA0A1HW106M	J	10 50V EL.	AB	C1422	VCEA0A1EW476M	J	47 25V EL.	AB
C783	VCEA0A1EW476M	J	47 25V EL.	AB	C1423	RC-QZA473TAYJ	J	0.047 50V Mylar	AB
C803	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1424	VCEA0A1HW105M	J	1.0 50V EL.	AB
C806	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1425	RC-QZA472TAYJ	J	0.0047 50V Mylar	AB
C807	VCEA0A1HW225M	J	2.2 50V EL.	AB	C1426	RC-QZA473TAYJ	J	0.047 50V Mylar	AB
C812	VCEAGA1HW224T	J	0.22 50V EL.	AB	C1428	RC-QZA472TAYJ	J	0.0047 50V Mylar	AB
C813	VQYTA1HW222J	J	2200p 50V Mylar	AA	C1429	VCEA0A1HW105M	J	1.0 50V EL.	AB
C814	VCCCCY1HH110J	J	11p 50V Ceramic	AA	C1430	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C817	VCCCCY1HH1R0C	J	1.0p 50V Ceramic	AA	C1431	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C818	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1432	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C819	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1433	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C843	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1435	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C844	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1437	VCCSPA1HL102J	J	1000p 50V Ceramic	AA
C845	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C1438	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
C901	VCEA0A1HW475M	J	4.7 50V EL.	AB	C1439	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
C903	VCEA0A1HW475M	J	4.7 50V EL.	AB	C1450	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C905	VCEA0A1HW336M	M	33 50V EL.	AA	C1704	VCEA0A1HW106M	J	10 50V EL.	AB
C956	VCEA0A1CW337M	J	330 16V EL.	AC	C1705	VCEA0A1EW476M	J	47 25V EL.	AB
C1301	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1706	VCEA0A1HW106M	J	10 50V EL.	AB
C1302	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1707	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1303	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1708	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
C1304	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1710	VCEA0A1HW105M	J	1.0 50V EL.	AB
C1305	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1711	VCEA0A1EW476M	J	47 25V EL.	AB
C1306	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1712	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C1307	RC-QZA183TAYJ	J	0.018 50V Mylar	AB	C1714	VCEA0A1HW106M	J	10 50V EL.	AB
C1308	VCEA0A1HW335M	J	3.3 50V EL.	AB	C1715	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1309	VCEA0A1HW335M	J	3.3 50V EL.	AB	C1716	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C1310	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1717	VCKYCY1HB271K	J	270p 50V Ceramic	AA
C1311	RC-QZA183TAYJ	J	0.018 50V Mylar	AB	C1718	VCEA0A1HW105M	J	1.0 50V EL.	AB
C1312	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	C1719	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C1313	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1720	VCEA0A1HW106M	J	10 50V EL.	AB
C1314	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1721	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
C1315	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1722	VCCCCY1HH330J	J	33p 50V Ceramic	AA
C1316	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1723	VCEA0A1HW106M	J	10 50V EL.	AB
C1317	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1724	VCFYSA1HB104J	J	0.1 50V Mylar	AB
C1318	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1725	VCFYSA1HB104J	J	0.1 50V Mylar	AB
C1319	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB	C1726	VCFYSA1HB104J	J	0.1 50V Mylar	AB
C1320	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB	C1727	VCEA0A1HW106M	J	10 50V EL.	AB
C1322	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1728	VCE9GA1CW106M	J	10 16V Elect.(N.P)	AB
C1323	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1729	VCEA0A1HW106M	J	10 50V EL.	AB
C1324	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1741	RC-QZA473TAYJ	J	0.047 50V Mylar	AB
C1325	VCEA0A1VW226M	M	22 35V EL.	AA	C1742	VCEA0A1HW105M	J	1.0 50V EL.	AB
C1326	VCEA0A1CW107M	J	100 16V EL.	AC	C1743	RC-QZA472TAYJ	J	0.0047 50V Mylar	AB
C1327	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1744	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C1328	VCKYCY1HB271K	J	270p 50V Ceramic	AA	C1747	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C1329	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1791	VCEA0A1AW107M	J	100 10V EL.	AB
C1330	VCEA0A1HW105M	J	1.0 50V EL.	AB	C1792	VCEA0A1AW107M	J	100 10V EL.	AB
C1332	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1793	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA
C1333	VCE9GA1HW335M	J	3.3 50V Elect.(N.P)	AB	C1801	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C1334	VCE9GA1HW335M	J	3.3 50V Elect.(N.P)	AB	C1802	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
C1338	RC-QZA104TAYK	J	0.1 50V Mylar	AB	C1803	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
C1339	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	C1804	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1340	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1805	VCEA0A1HW106M	J	10 50V EL.	AB
C1401	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1806	VCKYCY1CB104K	J	0.1 16V Ceramic	AB
C1402	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1807	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
C1404	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1809	VCKYCY1EB103K	J	0.01 25V Ceramic	AA
C1405	VCKYCY1CB104K	J	0.1 16V Ceramic	AB	C1810	VCEA0A1VW226M	M	22 35V EL.	AA
C1406	VCEA0A1EW476M	J	47 25V EL.	AB	C1811	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1407	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1812	VCEA0A1HW106M	J	10 50V EL.	AB
C1408	VCCCCY1HH181J	J	180p 50V Ceramic	AA	C1817	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1409	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1821	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
C1410	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1822	VCEA0A1HW106M	J	10 50V EL.	AB
C1411	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C1833	RC-QZA562TAYJ	J	0.0056 50V Mylar	AB
					C1841	VCEA0A1HW106M	J	10 50V EL.	AB
					C1842	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA
					C1843	VCCCCY1HH680J	J	68p 50V Ceramic	AA
					C1844	VCKYCY1CB104K	J	0.1 16V Ceramic	AB

Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)				
PWB-A: DUNTK9833WEK2(36L-X2000)				
MAIN UNIT (Continued)				
C1845	VCKYCY1EB103K	J 0.01	25V Ceramic	AA
C1846	VCCCCY1HH151J	J 150p	50V Ceramic	AA
C1847	VCKYCY1EB103K	J 0.01	25V Ceramic	AA
C1848	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C1849	VCEA0A1HW106M	J 10	50V EL.	AB
C1850	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C1851	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C1861	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C1862	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C1863	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C1865	RC-QZA154TAYJ	J 0.15	50V Mylar	AC
C1866	RC-QZA103TAYJ	J 0.01	50V Mylar	AB
C1867	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C1868	VCFYSA1HB474J	J 0.47	50V Mylar	AC
C1869	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C1870	VCEA0A1HW106M	J 10	50V EL.	AB
C1871	VCEA0A1HW106M	J 10	50V EL.	AB
C1872	VCKYCY1EB103K	J 0.01	25V Ceramic	AA
C2005	VCEA0A1HW335M	J 3.3	50V EL.	AB
C2006	VCEA0A1HW105M	J 1.0	50V EL.	AB
C2007	VCKYCY1HB561K	J 560p	50V Ceramic	AA
C2008	RC-QZA104TAYJ	J 0.1	50V Mylar	AC
C2009	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C2010	VCKYCY1HB221K	J 220p	50V Ceramic	AA
C2011	VCEA0A1HW105M	J 1.0	50V EL.	AB
C2012	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C2013	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C2014	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C2016	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C2017	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C2018	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C2019	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C2020	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C2021	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C2022	VCEA0A1HW106M	J 10	50V EL.	AB
C2023	VCEA0A1AW107M	J 100	10V EL.	AB
C2024	VCEA0A1HW106M	J 10	50V EL.	AB
C2025	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C2026	VCEA0A0JW477M	J 470	6.3V EL.	AC
C2027	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C2028	VCEA0A1AW107M	J 100	10V EL.	AB
C2029	VCFYSA1HB474J	J 0.47	50V Mylar	AC
C2030	VCEA0A1HW106M	J 10	50V EL.	AB
C2031	VCEA0A1CW338M	M 3300	16V EL.	AD
C2032	VCCCCY1HH270J	J 27p	50V Ceramic	AA
C2034	VCCCCY1HH390J	J 39p	50V Ceramic	AA
C2040	VCKYCY1CB104K	J 0.1	16V Ceramic	AB
C2042	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C3001	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3002	VCKYCY1HB562K	J 5600p	50V Ceramic	AA
C3003	RC-QZA123TAYK	J 0.012	50V Mylar	AB
C3004	VCEA0A1HW105M	J 1.0	50V EL.	AB
C3005	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3006	VCEA0A1HW106M	J 10	50V EL.	AB
C3007	VCEA0A1HW475M	J 4.7	50V EL.	AB
C3008	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C3009	VCEA0A1CW227M	J 220	16V EL.	AC
C3010	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3011	VCEA0A1HW475M	J 4.7	50V EL.	AB
C3012	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3013	VCKYCY1HB272K	J 2700p	50V Ceramic	AA
C3014	RC-QZA473TAYK	J 0.047	50V Mylar	AB
C3015	VCSATA1CE335K	J 3.3	16V Tantalum.	AC
C3016	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3017	VCSATA1CE106K	J 10	16V Tantalum.	AD
C3018	VCEA0A1HW105M	J 1.0	50V EL.	AB
C3019	VCEA0A1HW225M	J 2.2	50V EL.	AB
C3020	VCEA0A1HW225M	J 2.2	50V EL.	AB
C3029	VCKYCY1HB682K	J 6800p	50V Ceramic	AA
C3030	VCKYCY1HB682K	J 6800p	50V Ceramic	AA
C3031	VCKYCY1CB473K	J 0.047	16V Ceramic	AA
C3032	VCKYCY1CB473K	J 0.047	16V Ceramic	AA

Ref. No.	Part No.	★	Description	Code
C3201	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3202	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3203	VCEA0A1HW475M	J 4.7	50V EL.	AB
C3204	VCEA0A1HW106M	J 10	50V EL.	AB
C3205	VCEA0A1HW106M	J 10	50V EL.	AB
C3206	VCKYCY1HB103K	J 0.01	50V Ceramic	AA
C3207	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3208	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3209	VCEA0A1HW106M	J 10	50V EL.	AB
C3301	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3302	VCE9GA1HW475M	J 4.7	50V Elect.(N.P)	AB
C3303	VCKYCY1HB183K	M 0.018	50V Ceramic	
C3304	VCKYCY1HB471K	J 470p	50V Ceramic	AA
C3305	VCFYSA1HB103J	J 0.01	50V Mylar	AA
C3306	VCFYSA1HB824J	J 0.82	50V Mylar	AC
C3307	VCKYCY1HB471K	J 470p	50V Ceramic	AA
C3308	VCEA0A1CW107M	J 100	16V EL.	AC
C3309	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C3310	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C3311	VCFYSA1HB103J	J 0.01	50V Mylar	AA
C3312	VCFYSA1HB224J	J 0.22	50V Mylar	AB
C3313	VCQYTA1HM472J	J 4700p	50V Mylar	AB
C3314	VCFYSA1HB104J	J 0.1	50V Mylar	AB
C3315	VCFYSA1HB103J	J 0.01	50V Mylar	AA
C3316	VCEA0A1HW106M	J 10	50V EL.	AB
C4001	VCE9GA1HW105M	J 1.0	50V Elect.(N.P)	AB
C4002	VCE9GA1HW105M	J 1.0	50V Elect.(N.P)	AB
C4003	VCKYCY1HF103Z	J 0.01	50V Ceramic	AA
C4004	VCEA0A1CW337M	J 330	16V EL.	AC
C4005	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C4006	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C4007	VCEA0A1CW337M	J 330	16V EL.	AC
C4020	VCEA0A1EW476M	J 47	25V EL.	AB
C4071	VCEA0A1CW107M	J 100	16V EL.	AC
C4072	VCKYCY1HB152K	J 1500p	50V Ceramic	AA
C4073	VCKYCY1HB152K	J 1500p	50V Ceramic	AA

RESISTORS

[M-Ox. ... Metal Oxide, M-Film ... Metal Film]

RJ1	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ2	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ5	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ6	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ7	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ9	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ10	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ11	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ12	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ13	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ14	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ15	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ23	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ24	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ38	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ39	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ40	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ41	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ42	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ43	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ45	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ46	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ48	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ49	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ50	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ51	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ52	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ53	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ54	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ55	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ56	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ57	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ58	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ59	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ60	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ61	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA
RJ62	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)									
PWB-A: DUNTK9833WEK2(36L-X2000)									
MAIN UNIT (Continued)									
RJ63	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R541	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
RJ64	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R602	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
RJ65	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R603	VRD-RA2EE331J	J 330	1/4W Carbon	AA
RJ67	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R613	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
RJ68	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R616	VRS-CY1JF182J	J 1.8k	1/16W M-Ox.	AA
RJ69	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R617	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
RJ70	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R618	VRS-CY1JF274J	J 270k	1/16W M-Ox.	AA
RJ72	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R620	VRD-RA2BE153J	J 15k	1/8W Carbon	AA
RJ73	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R627	VRS-SV2HC101J	J 100	1/2W M-Ox.	AA
RJ77	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	△ R738	VRS-RG3LB123J	J 12k	3.0W M-Ox.	AB
RJ78	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	△ R744	VRS-RG3DB330J	J 33	2W M-Ox.	AA
RJ81	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	△ R745	VRS-RG3LB120J	J 12	3.0W M-Ox.	AB
RJ82	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	△ R746	VRS-RG3DB330J	J 33	2W M-Ox.	AA
RJ83	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R781	VRN-RL2HC1R0J	J 1.0	1/2W M-Film	AA
RJ84	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	△ R782	VRS-VV3DB270J	J 27	2W M-Ox.	AA
RJ85	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R803	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
RJ89	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R807	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
RJ91	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R814	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
RJ92	VRS-CY1JF000J	J 0	1/16W M-Ox.	AA	R817	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA
R52	VRD-RA2BE101J	J 100	1/8W Carbon	AB	R820	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R53	VRD-RA2BE101J	J 100	1/8W Carbon	AB	R821	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R54	VRD-RA2BE1R0J	J 1.0	1/8W Carbon	AA	R822	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R62	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R823	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R63	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R827	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R64	VRD-RA2BE1R0J	J 1.0	1/8W Carbon	AA	R828	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R351	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R829	VRS-CY1JF822J	J 8.2k	1/16W M-Ox.	AA
R360	VRS-CY1JF560J	J 56	1/16W M-Ox.	AA	R830	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R361	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA	R903	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R362	VRD-RA2BE472J	J 4.7k	1/8W Carbon	AA	R904	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
R363	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA	R905	VRS-CY1JF123J	J 12k	1/16W M-Ox.	AA
R364	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA	R906	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R365	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA	R907	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R370	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA	R908	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R371	VRD-RA2EE3R3J	J 3.3	1/4W Carbon	AA	R910	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R372	VRD-RA2EE3R3J	J 3.3	1/4W Carbon	AA	R911	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
R401	VRS-CY1JF562J	J 5.6k	1/16W M-Ox.	AA	R912	VRS-CY1JF123J	J 12k	1/16W M-Ox.	AA
R402	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA	R913	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R403	VRD-RA2EE680J	J 68	1/4W Carbon	AA	R914	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R405	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R915	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R406	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R920	VRS-CY1JF683J	J 68k	1/16W M-Ox.	AA
R407	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA	R921	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R410	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R922	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R411	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R963	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R412	VRS-CY1JF820J	J 82	1/16W M-Ox.	AA	R1301	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R414	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1302	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R415	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1303	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R416	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1305	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R418	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1306	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R419	VRS-CY1JF822J	J 8.2k	1/16W M-Ox.	AA	R1307	VRS-CY1JF680J	J 68	1/16W M-Ox.	AA
R425	VRS-CY1JF474J	J 470k	1/16W M-Ox.	AA	R1308	VRS-CY1JF6R8J	J 6.8	1/16W M-Ox.	AA
R428	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1309	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R432	VRS-CY1JF823J	J 82k	1/16W M-Ox.	AA	R1310	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R434	VRS-CY1JF124J	J 120k	1/16W M-Ox.	AA	R1311	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R435	VRS-CY1JF395J	J 3.9M	1/16W M-Ox.	AA	R1312	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R436	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA	R1313	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R437	VRS-CY1JF154J	J 150k	1/16W M-Ox.	AA	R1314	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R438	VRS-CY1JF333J	J 33k	1/16W M-Ox.	AA	R1315	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R439	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA	R1316	VRS-CY1JF333J	J 33k	1/16W M-Ox.	AA
R440	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1317	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R441	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R1318	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R444	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA	R1319	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R445	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA	R1320	VRS-CY1JF333J	J 33k	1/16W M-Ox.	AA
R447	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA	R1321	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R448	VRS-CY1JF151J	J 150	1/16W M-Ox.	AA	R1323	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R449	VRS-CY1JF100J	J 10	1/16W M-Ox.	AA	R1324	VRS-CY1JF181J	J 180	1/16W M-Ox.	AA
R455	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA	R1325	VRS-CY1JF272J	J 2.7k	1/16W M-Ox.	AA
R456	VRD-RA2EE152J	J 1.5k	1/4W Carbon	AA	R1326	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R461	VRD-RA2BE182J	J 1.8k	1/8W Carbon	AA	R1327	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R462	VRS-CY1JF393J	J 39k	1/16W M-Ox.	AA	R1328	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R463	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA	R1329	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R464	VRS-CY1JF393J	J 39k	1/16W M-Ox.	AA	R1330	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R540	VRS-CY1JF391J	J 390	1/16W M-Ox.	AA	R1331	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
					R1332	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
					R1333	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
					R1334	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
					R1335	VRD-RA2BE100J	J 10	1/8W Carbon	AA

Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)				
PWB-A: DUNTK9833WEK2(36L-X2000)				
MAIN UNIT (Continued)				
R1336	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1337	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1338	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1341	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1342	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
R1359	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1360	VRS-CY1JF680J	J 68	1/16W M-Ox.	AA
R1361	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R1362	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1363	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1364	VRS-CY1JF68R8J	J 6.8	1/16W M-Ox.	AA
R1401	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R1402	VRS-CY1JF561J	J 560	1/16W M-Ox.	AA
R1403	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R1404	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
R1405	VRS-CY1JF331J	J 330	1/16W M-Ox.	AA
R1406	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
R1407	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1408	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1411	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R1412	VRS-CY1JF152J	J 1.5k	1/16W M-Ox.	AA
R1413	VRS-CY1JF561J	J 560	1/16W M-Ox.	AA
R1414	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1415	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA
R1416	VRS-CY1JF821J	J 820	1/16W M-Ox.	AA
R1418	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1419	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1420	VRS-CY1JF151J	J 150	1/16W M-Ox.	AA
R1421	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1422	VRS-CY1JF684J	J 680k	1/16W M-Ox.	AA
R1423	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1424	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1425	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1426	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1427	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1428	VRS-CY1JF151J	J 150	1/16W M-Ox.	AA
R1429	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1430	VRS-CY1JF684J	J 680k	1/16W M-Ox.	AA
R1431	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1432	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1433	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1443	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1444	VRD-RA2BE182J	J 1.8k	1/8W Carbon	AA
R1445	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1446	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1447	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1448	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1450	VRS-CY1JF273J	J 27k	1/16W M-Ox.	AA
R1452	VRS-CY1JF562J	J 5.6k	1/16W M-Ox.	AA
R1453	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1701	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R1702	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1703	VRS-CY1JF750J	J 75	1/16W M-Ox.	AA
R1704	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1705	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1706	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1715	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1717	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1718	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1720	VRS-CY1JF392J	J 3.9k	1/16W M-Ox.	AA
R1721	VRS-CY1JF472J	J 4.7k	1/16W M-Ox.	AA
R1722	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1723	VRS-CY1JF822J	J 8.2k	1/16W M-Ox.	AA
R1724	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1726	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1729	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R1731	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1732	VRS-CY1JF681J	J 680	1/16W M-Ox.	AA
R1733	VRD-RA2BE471J	J 470	1/8W Carbon	AA
R1734	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R1741	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R1742	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code
R1743	VRS-CY1JF151J	J 150	1/16W M-Ox.	AA
R1744	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1745	VRS-CY1JF474J	J 470k	1/16W M-Ox.	AA
R1746	VRS-CY1JF272J	J 2.7k	1/16W M-Ox.	AA
R1747	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1791	VRD-RA2BE151J	J 150	1/8W Carbon	AA
R1801	VRS-CY1JF473J	J 47k	1/16W M-Ox.	AA
R1810	VRD-RA2BE473J	J 47k	1/8W Carbon	AA
R1812	VRD-RA2BE123J	J 12k	1/8W Carbon	AA
R1813	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1816	VRS-CY1JF473J	J 47k	1/16W M-Ox.	AA
R1817	VRD-RA2BE123J	J 12k	1/8W Carbon	AA
R1819	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R1821	VRS-CY1JF123J	J 12k	1/16W M-Ox.	AA
R1822	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R1823	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R1825	VRS-CY1JF183J	J 18k	1/16W M-Ox.	AA
R1828	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1831	VRS-CY1JF332J	J 3.3k	1/16W M-Ox.	AA
R1832	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R1833	VRS-CY1JF272J	J 2.7k	1/16W M-Ox.	AA
R1834	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R1841	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1842	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA
R1843	VRS-CY1JF391J	J 390	1/16W M-Ox.	AA
R1861	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R1862	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R1863	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R1864	VRS-CY1JF221J	J 220	1/16W M-Ox.	AA
R1865	VRS-CY1JF474J	J 470k	1/16W M-Ox.	AA
R1866	VRS-CY1JF104J	J 100k	1/16W M-Ox.	AA
R1867	VRS-CY1JF202J	J 2.0k	1/16W M-Ox.	AA
R1868	VRS-CY1JF510J	J 51	1/16W M-Ox.	AA
R1869	VRS-CY1JF122J	J 1.2k	1/16W M-Ox.	AA
R1870	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R2001	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R2002	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R2003	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R2004	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R2005	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA
R2006	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R2007	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
▲△ R2008	VRD-RA2BE273J	J 27k	1/8W Carbon	AA
R2009	VRD-RA2BE223J	J 22k	1/8W Carbon	AA
R2010	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
▲△ R2011	VRS-CY1JF473J	J 47k	1/16W M-Ox.	AA
R2012	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R2013	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R2014	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R2015	VRD-RA2BE102J	J 1.0k	1/8W Carbon	AA
R2016	VRS-CY1JF473J	J 47k	1/16W M-Ox.	AA
R2017	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R2018	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R2019	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA
R2020	VRD-RA2EE821J	J 820	1/4W Carbon	AA
R2021	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R2022	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA
R2024	VRD-RA2BE101J	J 100	1/8W Carbon	AB
R2025	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA
R2026	VRS-CY1JF101J	J 100	1/16W M-Ox.	AA
R2027	VRD-RA2BE682J	J 6.8k	1/8W Carbon	AA
R2028	VRS-CY1JF222J	J 2.2k	1/16W M-Ox.	AA
R2030	VRS-CY1JF682J	J 6.8k	1/16W M-Ox.	AA
R2031	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R2032	VRD-RA2EE182J	J 1.8k	1/4W Carbon	AA
R2033	VRS-CY1JF471J	J 470	1/16W M-Ox.	AA
R2034	VRS-CY1JF105J	J 1.0M	1/16W M-Ox.	AA
R2035	VRS-CY1JF153J	J 15k	1/16W M-Ox.	AA
R2036	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R2037	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R2038	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R2039	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R2040	VRS-CY1JF223J	J 22k	1/16W M-Ox.	AA
R2043	VRS-CY1JF102J	J 1.0k	1/16W M-Ox.	AA
R2045	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA
R2046	VRS-CY1JF103J	J 10k	1/16W M-Ox.	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-A: DUNTK9833WEK1(32L-X2000)									
PWB-A: DUNTK9833WEK2(36L-X2000)									
MAIN UNIT (Continued)									
R2048	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA	R4010	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA
R2049	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA	R4012	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2050	VRS-CY1JF222J	J	2.2k 1/16W M-Ox.	AA	R4013	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R2051	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA	R4014	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA
R2052	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	R4015	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2053	VRS-CY1JF472J	J	4.7k 1/16W M-Ox.	AA	R4017	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2054	VRD-RA2BE472J	J	4.7k 1/8W Carbon	AA	R4020	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA
R2057	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA	R4021	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R2058	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R4023	VRS-CY1JF473J	J	47k 1/16W M-Ox.	AA
R2059	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA	R4025	VRD-RA2BE1R0J	J	1.0 1/8W Carbon	AA
R2060	VRS-CY1JF184J	J	180k 1/16W M-Ox.	AA	R4026	VRD-RA2BE183J	J	18k 1/8W Carbon	AA
R2061	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R4027	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2062	VRD-RA2BE823J	J	82k 1/8W Carbon	AA	R4028	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA
R2063	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R4071	VRD-RA2BE332J	J	3.3k 1/8W Carbon	AA
R2064	VRS-CY1JF153J	J	15k 1/16W M-Ox.	AA	R4072	VRD-RA2BE562J	J	5.6k 1/8W Carbon	AA
R2065	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	R4073	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R2066	VRD-RA2BE183J	J	18k 1/8W Carbon	AA	R4074	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA
R2067	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R4075	VRD-RA2EE561J	J	560 1/4W Carbon	AA
R2068	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	R4076	VRD-RA2EE561J	J	560 1/4W Carbon	AA
R2069	VRD-RA2BE123J	J	12k 1/8W Carbon	AA	MISCELLANEOUS PARTS				
R2070	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	J1301	QTANJ0821CEZZ	M	Terminal Video/Audio-IN	AL
R2071	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA	J1302	QSOCD0430CEZZ	J	Socket Video-1 S-Video	AE
R2073	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	J1303	QSOCD0430CEZZ	J	Socket Video-2 S-Video	AE
R2074	VRD-RA2BE103J	J	10k 1/8W Carbon	AA	J1701	QTANJ0527CEZZ	M	Terminal Component-IN	AH
R2075	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA	P109	QPLGN0661CEZZ	J	Plug 6-Pin(EJ)	AD
R2076	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA	P351	QPLGN0461CEZZ	J	Plug 4-Pin(S)	AB
R2077	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	P404	QPLGN0361CEZZ	J	Plug 3-Pin(PA)	AB
R2078	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA	P603	QPLGN0861CEZZ	J	Plug 8-Pin(D)	AC
R2080	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA	P1801	QPLGN0961CEZZ	J	Plug 9-Pin(C)	AD
R2081	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA	P1802	QPLGN0561CEZZ	J	Plug 5-Pin(GBN)	AB
R2084	VRD-RA2BE472J	J	4.7k 1/8W Carbon	AA	P1803	QPLGN1061CEZZ	J	Plug 10-Pin(H)	AC
R2092	VRD-RA2BE101J	J	100 1/8W Carbon	AB	P2001	QPLGN0561CEZZ	J	Plug 5-Pin(TP2001-5)	AB
R2093	VRD-RA2BE101J	J	100 1/8W Carbon	AB	P2002	QPLGN0561CEZZ	J	Plug 5-Pin(KA)	AB
R2094	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA	P2003	QPLGN0461CEZZ	J	Plug 4-Pin(YR)	AB
R2095	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA	RDA361	PRDAR5006MEFW	M	Heat Sink, for IC361	AC
R2097	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA	RDA740	PRDAR5072CEFW	J	Heat Sink, for IC740	AC
R2099	VRD-RA2BE101J	J	100 1/8W Carbon	AB	RDA741	PRDAR5072CEFW	J	Heat Sink, for IC741	AC
R3001	VRD-RA2BE221J	J	220 1/8W Carbon	AA	SLD1801	PSLDM0012MEFW	M	Shield	AC
R3002	VRD-RA2BE221J	J	220 1/8W Carbon	AA		LHLDW1002PEZZ	R	Holder	AB
R3003	VRS-CY1JF105J	J	1.0M 1/16W M-Ox.	AA		LX-BZ3049GEFD	J	Screw	AA
R3004	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA					
R3006	VRS-CY1JF623J	J	62k 1/16W M-Ox.	AA					
R3007	VRS-CY1JF332J	J	3.3k 1/16W M-Ox.	AA					
R3008	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA					
R3010	VRS-CY1JF392J	J	3.9k 1/16W M-Ox.	AA					
R3011	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R3012	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R3013	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R3014	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R3015	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA					
R3016	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA					
R3017	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R3018	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R3104	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA					
R3201	VRS-CY1JF225J	J	2.2M 1/16W M-Ox.	AA					
R3202	VRS-CY1JF682J	J	6.8k 1/16W M-Ox.	AA					
R3203	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R3301	VRS-CY1JF152J	J	1.5k 1/16W M-Ox.	AA					
R3302	VRS-CY1JF302J	J	3.0k 1/16W M-Ox.	AA					
R3303	VRS-CY1JF202J	J	2.0k 1/16W M-Ox.	AA					
R3304	VRS-CY1JF202J	J	2.0k 1/16W M-Ox.	AA					
R3305	VRS-CY1JF202J	J	2.0k 1/16W M-Ox.	AA					
R3306	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA					
R3307	VRS-CY1JF104J	J	100k 1/16W M-Ox.	AA					
R3308	VRS-CY1JF101J	J	100 1/16W M-Ox.	AA					
R4001	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA					
R4003	VRS-CY1JF333J	J	33k 1/16W M-Ox.	AA					
R4004	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA					
R4005	VRS-CY1JF471J	J	470 1/16W M-Ox.	AA					
R4006	VRS-CY1JF102J	J	1.0k 1/16W M-Ox.	AA					
R4008	VRS-CY1JF103J	J	10k 1/16W M-Ox.	AA					
R4009	VRS-CY1JF223J	J	22k 1/16W M-Ox.	AA					

— End of MAIN UNIT —

Ref. No.	Part No.	★	Description	Code
PWB-B: DUNTK9303WEK5(32L-S500,CL32S50) CRT UNIT				
TRANSISTORS				
Q850	VS2SC4544LB2E	J	2SC4544	AD
Q851	VS2SC4544LB2E	J	2SC4544	AD
Q852	VS2SC4544LB2E	J	2SC4544	AD
Q853	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q854	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q855	VS2SC3198-Y-1	J	2SC3198(Y)	AA
Q894	VS2SA1266-Y-1	J	2SA1266(Y)	AA
DIODES				
D850	VHD1SS119//-1	J	Diode	AB
D851	VHD1SS119//-1	J	Diode	AB
D852	VHD1SS119//-1	J	Diode	AB
D894	VHD1SS119//-1	J	Diode	AB
D895	VHD1SS119//-1	J	Diode	AB
D896	RH-EX0616GEZZ	J	Zener Diode 5.6V	AA
	or			
	RH-EX0298CEZZ			
D897	VHD1SS119//-1	J	Diode	AB
D898	VHD1SS119//-1	J	Diode	AB
COILS				
L852	VP-MK221K0000	J	Peaking 220µH	AB
L853	VP-MK221K0000	J	Peaking 220µH	AB
L854	VP-MK221K0000	J	Peaking 220µH	AB
CAPACITORS				
[EL.... Electrolytic]				
C850	VCKYPA1HF103Z	J	0.01 50V	Ceramic AA
C851	VCEA0A1CW476M	J	47 16V	EL. AB
C876	VCCSPA1HL561J	J	560p 50V	Ceramic AA
C877	VCCSPA1HL471J	J	470p 50V	Ceramic AA
C878	VCCSPA1HL561J	J	560p 50V	Ceramic AA
C880	RC-KZ0153CEZZ	J	0.01 3kV	Ceramic AB
C892	VCEA0A1CW106M	J	10 16V	EL. AB
C893	VCEA0A1CW106M	J	10 16V	EL. AB
C895	VCEA0A1CW226M	J	22 16V	EL. AB
RESISTORS				
[M-Ox.... Metal Oxide]				
R849	VRD-RA2BE181J	J	180 1/8W	Carbon AA
R850	VRD-RA2BE561J	J	560 1/8W	Carbon AA
R851	VRD-RA2BE561J	J	560 1/8W	Carbon AA
R852	VRD-RA2BE561J	J	560 1/8W	Carbon AA
R854	VRD-RA2BE181J	J	180 1/8W	Carbon AA
R855	VRD-RA2BE181J	J	180 1/8W	Carbon AA
R856	VRD-RA2BE121J	J	120 1/8W	Carbon AA
R857	VRD-RA2BE121J	J	120 1/8W	Carbon AA
R858	VRD-RA2BE121J	J	120 1/8W	Carbon AA
⚠ R859	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
⚠ R860	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
⚠ R861	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
⚠ R862	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
⚠ R863	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
⚠ R864	VRS-VV3DB273J	J	27k 2W	M-Ox. AA
R868	VRD-RM2HD224J	J	220k 1/2W	Carbon AA
R870	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R871	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R872	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R873	VRD-RA2BE220J	J	22 1/8W	Carbon AA
R874	VRD-RA2BE220J	J	22 1/8W	Carbon AA
R875	VRD-RA2BE220J	J	22 1/8W	Carbon AA
R876	VRD-RA2BE121J	J	120 1/8W	Carbon AA
R877	VRD-RA2BE121J	J	120 1/8W	Carbon AA
R878	VRD-RA2BE121J	J	120 1/8W	Carbon AA
R880	VRC-MA2HG332K	J	3.3k 1/2W	Solid AA
R881	VRC-MA2HG332K	J	3.3k 1/2W	Solid AA
R882	VRC-MA2HG332K	J	3.3k 1/2W	Solid AA
R883	VRD-RA2BE221J	J	220 1/8W	Carbon AA
R884	VRD-RA2BE221J	J	220 1/8W	Carbon AA
R885	VRD-RA2BE221J	J	220 1/8W	Carbon AA

Ref. No.	Part No.	★	Description	Code
R886	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R887	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R888	VRD-RA2BE471J	J	470 1/8W	Carbon AA
R891	VRD-RA2BE561G	M	560 1/8W	Carbon AA
R892	VRD-RA2BE331G	M	330 1/8W	Carbon AA
R894	VRD-RA2BE152J	J	1.5k 1/8W	Carbon AA
R895	VRD-RA2EE561J	J	560 1/4W	Carbon AA
MISCELLANEOUS PARTS				
P860	QPLGN0461CEZZ	J	Plug 4-Pin(YBN)	AB
P880	QPLGN0561CEZZ	J	Plug 5-Pin(GBN)	AB
SC801	QSOCV0937CEZZ	J	CRT Socket	AL
	or			
	QSOCV0938CEZZ			

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
PWB-B: DUNTK9835WEK0(32L-X2000)					R873	RR-HZ0048CEZZ	J	3.9M 1/2W Solid (36L-X2000)	AB
PWB-B: DUNTK9835WEK1(36L-X2000)					△ R872	VRS-SV2HC272J	J	2.7k 1/2W M-Ox.	AA
CRT UNIT					△ R875	VRS-SV2HC272J	J	2.7k 1/2W M-Ox.	AA
INTEGRATED CIRCUITS					△ R876	VRS-SV2HC272J	J	2.7k 1/2W M-Ox.	AA
IC850	VHiTDA6101Q-1	J	TDA6101Q	AH	R877	VRD-RA2BE222J	J	2.2k 1/8W Carbon	AA
IC851	VHiTDA6101Q-1	J	TDA6101Q	AH	R878	VRD-RA2BE222J	J	2.2k 1/8W Carbon	AA
IC852	VHiTDA6101Q-1	J	TDA6101Q	AH	R879	VRD-RA2BE222J	J	2.2k 1/8W Carbon	AA
TRANSISTORS					△ R880	VRS-VV3DB823J	J	82k 2W M-Ox.	AA
Q851	VS2SA1246//1E	J	2SA1246	AE	△ R883	VRS-VV3DB823J	J	82k 2W M-Ox.	AA
Q852	VS2SC3198-Y-1	J	2SC3198(Y)	AA	△ R884	VRS-VV3DB823J	J	82k 2W M-Ox.	AA
Q1504	VS2SC3198-Y-1	J	2SC3198(Y)	AA	R888	VRC-MA2HG152K	J	1.5k 1/2W Solid	AA
Q1505	VS2SA1266-Y-1	J	2SA1266(Y)	AA	△ R890	VRS-SV2HC120J	J	12 1/2W M-Ox.	AA
Q1506	VS2SA1837//1	J	2SA1837	AF	R891	VRC-MA2HG152K	J	1.5k 1/2W Solid	AA
Q1507	VS2SC4793//1	J	2SC4793	AF	R893	VRD-RM2HD224J	J	220k 1/2W Carbon	AA
DIODES					R894	VRC-MA2HG152K	J	1.5k 1/2W Solid	AA
D850	RH-EX0647GEZZ	J	Zener Diode	AA	R895	VRD-RA2BE392J	J	3.9k 1/8W Carbon	AA
D851	VHD1SS119//1	J	Diode	AB	R896	VRD-RA2BE182J	J	1.8k 1/8W Carbon	AA
D852	RH-EX0718GEZZ	J	Zener Diode 2.5V	AB	R897	VRD-RA2BE154J	J	150k 1/8W Carbon	AA
D853	RH-EX0647GEZZ	J	Zener Diode	AA	R898	VRD-RA2BE333J	J	33k 1/8W Carbon	AA
D854	RH-EX0647GEZZ	J	Zener Diode	AA	R899	VRD-RA2BE473J	J	47k 1/8W Carbon	AA
D860	RH-EX0718GEZZ	J	Zener Diode 2.5V	AB	R1511	VRD-RA2BE101J	J	100 1/8W Carbon	AB
D862	RH-DX0220CEZZ	J	Diode	AB	△ R1513	VRS-RG3DB561J	M	560 2W M-Ox. (32L-X2000)	AA
D1502	VHD1SS119//1	J	Diode	AB	△ R1513	VRS-RG3DB821J	M	820 2W M-Ox. (36L-X2000)	AA
D1503	VHD1SS119//1	J	Diode	AB	R1514	VRD-RA2BE100J	J	10 1/8W Carbon	AA
D1506	RH-DX0487CEZZ	J	Diode	AC	R1515	VRD-RA2BE820J	J	82 1/8W Carbon	AA
D1507	RH-DX0487CEZZ	J	Diode	AC	R1516	VRD-RA2BE820J	J	82 1/8W Carbon	AA
CAPACITORS					R1517	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
<i>[EL... Electrolytic]</i>					R1518	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
C850	VCEA0A1CW477M	J	470 16V EL.	AC	R1519	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
C853	VCEA0A1CW227M	J	220 16V EL.	AC	R1520	VRD-RA2BE683J	J	68k 1/8W Carbon	AA
C863	VCEA0A1HW106M	J	10 50V EL.	AB	R1521	VRD-RA2BE122J	J	1.2k 1/8W Carbon	AA
C868	VCEA0A2EW106M	J	10 250V EL.	AD	R1522	VRD-RA2EE471J	J	470 1/4W Carbon	AA
C869	RC-KZ015JCEZZ	J	0.01 3kV Ceramic	AB	R1525	VRD-RA2EE560J	J	56 1/4W Carbon	AA
C870	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	R1526	VRD-RA2EE560J	J	56 1/4W Carbon	AA
C871	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	R1527	VRD-RA2EE4R7J	J	4.7 1/4W Carbon	AA
C873	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	R1528	VRD-RA2EE4R7J	J	4.7 1/4W Carbon	AA
C874	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	△ R1529	VRS-RG3DB221J	J	220 2W M-Ox.	AA
C876	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	△ R1531	VRS-RG3DB183J	M	18k 2W M-Ox. (36L-X2000)	AA
C877	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	R1532	VRS-RG2HC560J	M	56 1/2W M-Ox.	AA
C880	RC-FZ0373CEZZ	J	0.033 250V	AC	MISCELLANEOUS PARTS				
C881	VCQYTA1HM472J	J	4700p 50V Mylar	AB	FB1501	RBLN-0047CEZZ	J	Ferrite Bead	AB
C882	RC-FZ0373CEZZ	J	0.033 250V	AC	P850	QPLGN0561CEZZ	J	Plug 5-Pin(GBN)	AB
C883	VCQYTA1HM472J	J	4700p 50V Mylar	AB	P851	QPLGN0361CEZZ	J	Plug 3-Pin(PA)	AB
C884	RC-FZ0373CEZZ	J	0.033 250V	AC	P852	QPLGN0361CEZZ	J	Plug 3-Pin(PU)	AB
C885	VCQYTA1HM472J	J	4700p 50V Mylar	AB	P854	QPLGN0661CEZZ	J	Plug 6-Pin(BBN)	AD
C1501	VCEA0A1EW476M	J	47 25V EL.	AB	SC851	QSOCV0937CEZZ	J	CRT Socket (32L-X2000)	AL
C1506	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA	SC851	QSOCV1011CEZZ	M	CRT Socket (36L-X2000)	AF
C1508	VCKYPA2HB472K	J	4700p 500V Ceramic	AB	RDA1506	PRDAR5072CEFW	J	Heat Sink, for Q1506	AC
C1509	VCKYPA1HB472K	J	4700p 50V Ceramic	AA	RDA1507	PRDAR5072CEFW	J	Heat Sink, for Q1507	AC
C1510	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA		LX-BZ3100CEFD	J	Screw	AA
C1511	VCKYPA1HF103Z	J	0.01 50V Ceramic	AA					
C1515	VCEA0A1EW476M	J	47 25V EL.	AB					
C1516	VCEA0A1EW476M	J	47 25V EL.	AB					
C1517	VCEAGA2AW106M	J	10 100V EL.	AC					
C1518	VCCSPA2HL560K	J	56p 500V Ceramic	AA					
C1519	VCEAGA2CW106M	J	10 160V EL.	AC					
RESISTORS									
<i>[M-Ox... Metal Oxide]</i>									
R850	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R851	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R852	VRD-RA2BE101J	J	100 1/8W Carbon	AB					
R853	VRD-RA2BE223J	J	22k 1/8W Carbon	AA					
R855	VRD-RA2BE223J	J	22k 1/8W Carbon	AA					
R856	VRD-RA2EE680J	J	68 1/4W Carbon	AA					
△ R863	VRS-SV2HC122J	J	1.2k 1/2W M-Ox.	AA					
△ R866	VRS-SV2HC122J	J	1.2k 1/2W M-Ox.	AA					
△ R868	VRS-SV2HC122J	J	1.2k 1/2W M-Ox.	AA					
R870	RR-HZ0048CEZZ	J	3.9M 1/2W Solid	AB					

Ref. No.	Part No.	★	Description	Code
PWB-C: DUNTK9834WEK0(32L-S500,CL32S50)				
PWB-C: DUNTK9834WEK1(32L-X2000)				
PWB-C: DUNTK9834WEK2(36L-X2000)				
POWER UNIT (Continued)				
	C626	VCQPPB2DB153J	J 0.015 200V M-Poly.	AB
▲	C652	VCEA0A1VW476M	J 47 35V EL.	AB
	C677	RC-FZ0374CEZZ	J 4.7 100V Mylar	AF
		or		
		RC-FZ0184CEZZ		
▲▲	C678	VCQPPC2GB393J	J 0.039 400V M-Poly. (32L-S500, CL32S50)	AB
▲▲	C678	VCQPPC2GB473J	J 0.047 400V M-Poly. (32L-X2000)	AB
▲▲	C678	VCQPPC2JB473J	J 0.047 630V M-Poly. (36L-X2000)	AC
	C680	VCFPD2DB684J	J 0.68 200V M-Poly.	AE
	C681	RC-QZA104TAYJ	J 0.1 50V Mylar	AC
	C682	VCKYPA2HB102K	J 1000p 500V Ceramic	AA
	C683	VCCSPA2HL560K	J 56p 500V Ceramic	AA
▲	C701	RC-FZ017SCEZZ	J 0.22 AC125V Ceramic	AD
		or		
		RC-FZ012SGEZZ		
		or		
		RC-FZ0045CEZZ		
		or		
		RC-FZ032CUMZZ		
		or		
		RC-FZ029SCEZZ		
	C702	RC-KZ0029CEZZ	J 0.01 500V Ceramic	AC
	C703	RC-KZ0029CEZZ	J 0.01 500V Ceramic	AC
▲	C705	RC-EZ0720CEZZ	M 680 200V EL. (32L-S500, CL32S50, 32L-X2000)	AK
▲	C705	RC-EZ0722CEZZ	M 820 200V EL. (36L-X2000)	AL
▲	C706	RC-KZ0092GEZZ	J 0.0033 AC250V Ceramic	AC
	C707	VCFPD3CA222H	J 2200p 1600V M-Poly.	AD
	C708	VCCSPA1HL471J	J 470p 50V Ceramic	AA
	C709	VCEA0A1VW107M	J 100 35V EL.	AC
	C710	RC-QZA152TAYJ	J 0.0015 50V Mylar	AB
	C712	VCKYPA2HB331K	J 330p 500V Ceramic	AA
	C717	VCKYPA2HB472K	J 4700p 500V Ceramic	AB
	C722	RC-QZA104TAYK	J 0.1 50V Mylar	AB
▲	C723	RC-EZ0696CEZZ	M 220 160V EL. (32L-S500, CL32S50, 32L-X2000)	AG
▲	C723	RC-EZ0501CEZZ	M 220 180V EL. (36L-X2000)	AK
▲	C725	RC-EZ0697CEZZ	M 330 160V EL. (32L-S500, CL32S50, 32L-X2000)	AG
▲	C725	RC-EZ0503CEZZ	M 330 180V EL. (36L-X2000)	AQ
	C726	RC-KZ0338CEZZ	J 560p 2kV Ceramic	AD
	C727	RC-KZ0338CEZZ	J 560p 2kV Ceramic	AD
	C730	VCEA4A1EN108M	J 1000 25V EL.	AD
	C731	RC-EZ0385CEZZ	J 1000 16V EL.	AE
	C732	VCKYPA2HB102K	J 1000p 500V Ceramic	AA
	C741	VCKYPA2HB102K	J 1000p 500V Ceramic	AA
	C742	VCKYPA2HB102K	J 1000p 500V Ceramic	AA
	C751	VCKYPA1HF103Z	J 0.01 50V Ceramic	AA
	C753	VCEA0A1CW107M	J 100 16V EL.	AC
	C760	RC-QZA393TAYK	J 0.039 50V Mylar	AB
	C772	VCEA0A1VW477M	J 470 35V EL.	AB
	C773	VCCSPA1HL101J	J 100p 50V Ceramic	AA
RESISTORS				
<i>[M-Ox. ... Metal Oxide, M-Film ... Metal Film]</i>				
▲	R451	VRS-RG3AB103J	J 10k 1W M-Ox.	AB
	R452	VRD-RM2HD823J	J 82k 1/2W Carbon	AA
	R453	VRD-RA2EE274J	J 270k 1/4W Carbon	AA
	R501	VRN-RL3LB2R2J	M 2.2 3.0W M-Film	AB
	R502	VRD-RA2BE184J	J 180k 1/8W Carbon	AA
	R503	VRD-RA2BE124J	J 120k 1/8W Carbon	AA
	R504	VRD-RA2BE393J	J 39k 1/8W Carbon	AA
	R505	VRD-RA2BE153J	J 15k 1/8W Carbon	AA
	R506	VRD-RA2BE223J	J 22k 1/8W Carbon	AA
	R507	VRD-RA2BE101J	J 100 1/8W Carbon	AB

Ref. No.	Part No.	★	Description	Code
	R508	VRD-RA2BE101J	J 100 1/8W Carbon	AB
	R509	VRD-RA2BE181J	J 180 1/8W Carbon	AA
	R510	VRD-RA2BE332J	J 3.3k 1/8W Carbon	AA
	R511	VRD-RA2BE101J	J 100 1/8W Carbon	AB
	R512	VRD-RA2EE102J	J 1.0k 1/4W Carbon	AA
	R514	VRD-RA2BE103J	J 10k 1/8W Carbon	AA
	R515	VRD-RA2BE102J	J 1.0k 1/8W Carbon	AA
	R516	VRD-RA2BE274J	J 270k 1/8W Carbon	AA
	R517	VRD-RA2BE823J	J 82k 1/8W Carbon	AA
	R520	VRD-RA2BE181J	J 180 1/8W Carbon	AA
	R521	VRD-RA2BE562J	J 5.6k 1/8W Carbon	AA
	R522	VRS-RG3AB102J	M 1.0k 1W M-Ox.	AA
	R523	VRD-RA2BE183J	J 18k 1/8W Carbon	AA
	R524	VRD-RM2HD152J	J 1.5k 1/2W Carbon	AA
	R525	VRD-RA2BE473J	J 47k 1/8W Carbon	AA
	R527	VRD-RA2BE103J	J 10k 1/8W Carbon	AA
	R529	VRD-RA2BE273G	J 27k 1/8W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
	R529	VRD-RA2BE333G	J 33k 1/8W Carbon (36L-X2000)	AA
	R530	VRD-RA2BE683G	J 68k 1/8W Carbon	AA
	R531	VRD-RA2BE563J	J 56k 1/8W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
	R531	VRD-RA2BE104J	J 100k 1/8W Carbon (36L-X2000)	AA
	R532	VRD-RA2BE824J	J 820k 1/8W Carbon	AA
	R533	VRD-RA2BE151J	J 150 1/8W Carbon	AA
	R534	VRD-RA2BE181J	J 180 1/8W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
	R534	VRD-RA2BE331J	J 330 1/8W Carbon (36L-X2000)	AA
	R535	VRN-RL3DB1R5J	M 1.5 2W M-Film (32L-S500, CL32S50, 32L-X2000)	AA
	R535	VRN-RL3DB1R0J	M 1.0 2W M-Film (36L-X2000)	AA
	R549	VRS-RG3DB391J	M 390 2W M-Ox. (32L-S500, CL32S50, 32L-X2000)	AA
	R549	VRS-RG3DB331J	M 330 2W M-Ox. (36L-X2000)	AA
	R558	VRD-RA2BE104J	J 100k 1/8W Carbon	AA
	R605	VRD-RM2HD470J	J 47 1/2W Carbon	AA
	R606	VRD-RM2HD271J	J 270 1/2W Carbon	AA
▲	R607	VRS-KA3HG122J	J 1.2k 5W M-Ox. (32L-S500, CL32S50, 32L-X2000)	AD
▲	R607	VRS-KA3HG152J	M 1.5k 5W M-Ox. (36L-X2000)	AB
	R608	VRS-RG3LB391J	M 390 3.0W M-Ox.	AB
▲	R609	VRS-RG3AB562J	M 5.6k 1W M-Ox.	AA
	R610	VRD-RM2HD220J	J 22 1/2W Carbon	AA
▲	R611	VRW-KQ41C3R3K	J 3.3 15W Cement	AG
▲	R621	VRN-RL3DB3R3J	M 3.3 2.0W M-Film (32L-S500, CL32S50)	AA
▲	R621	VRN-RL3LB1R2J	M 1.2 3.0W M-Film (32L-X2000)	AB
▲	R621	VRN-RL3LB2R7J	M 2.7 3.0W M-Film (36L-X2000)	AB
▲	R622	VRN-RL2HCR68J	M 0.68 1/2W M-Film (32L-S500, CL32S50, 32L-X2000)	AA
▲	R622	VRN-RL2HCR56J	M 0.56 1/2W M-Film (36L-X2000)	AA
▲	R623	VRS-RG3AB150J	M 15 1W M-Ox. (32L-S500, CL32S50, 32L-X2000)	AA
▲	R623	VRN-RL3AB1R0J	M 1.0 1W M-Film (36L-X2000)	AA
▲	R624	VRS-RG3DB332J	M 3.3k 2W M-Ox.	AA
	R625	VRD-RA2BE102J	J 1.0k 1/8W Carbon	AA
	R626	VRD-RM2HD563J	J 56k 1/2W Carbon	AA
▲▲	R651	VRN-RL2HC1R0J	M 1.0 1/2W M-Film	AA
▲▲	R652	VRD-RA2EE333J	J 33k 1/4W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
▲▲	R652	VRD-RA2EE154J	J 150k 1/4W Carbon (36L-X2000)	AA
▲▲	R653	VRD-RA2EE562J	J 5.6k 1/4W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
▲▲	R653	VRD-RA2EE393J	J 39k 1/4W Carbon (36L-X2000)	AA

Ref. No.	Part No.	★	Description	Code
PWB-C: DUNT K9834WEK0(32L-S500,CL32S50)				
PWB-C: DUNT K9834WEK1(32L-X2000)				
PWB-C: DUNT K9834WEK2(36L-X2000)				
POWER UNIT (Continued)				
▲▲ R654	VRD-RA2EE682J	J	6.8k 1/4W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
▲▲ R654	VRD-RA2EE393J	J	39k 1/4W Carbon (36L-X2000)	AA
R681	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA
R682	VRD-RA2BE102J	J	1.0k 1/8W Carbon	AA
R684	VRD-RA2BE472J	J	4.7k 1/8W Carbon	AA
R685	VRD-RA2EE562J	J	5.6k 1/4W Carbon	AA
R686	VRD-RA2EE222J	J	2.2k 1/4W Carbon	AA
R687	VRD-RA2BE103J	J	10k 1/8W Carbon	AA
▲ R688	VRN-RL3DB3R3J	M	3.3 2W M-Film	AA
R689	VRD-RA2EE104J	J	100k 1/4W Carbon	AA
▲ R690	VRS-RG3LB561J	M	560 3.0W M-Ox.	AB
▲ R701	RR-HZ0048CEZZ	M	3.9M 1/2W Carbon	AB
▲ R702	VRW-KQ4AC1R2K	M	1.2 10W Cement	AC
▲ R703	VRS-RG3LB101J	J	100 3.0W M-Ox.	AC
R704	VRD-RM2HD154J	J	150k 1/2W Carbon	AA
▲ R705	VRN-RL3DBR22J	J	0.22 2W M-Film	AA
▲ R706	VRN-RL3DBR27J	M	0.27 2W M-Film (32L-S500, CL32S50, 32L-X2000)	AA
▲ R706	VRN-RL3DBR22J	M	0.22 2W M-Film (36L-X2000)	AA
R707	VRS-RG2HC681J	J	680 1/2W M-Ox.	AA
R708	VRS-RG3DB123J	J	12k 2W M-Ox. (32L-S500, CL32S50, 32L-X2000)	AA
R708	VRS-RG3DB153J	J	15k 2W M-Ox. (36L-X2000)	AA
R709	VRN-GA2EB1R0J	J	1.0 1/4W M-Film	AA
R710	VRD-RM2HD330J	J	33 1/2W Carbon (32L-S500, CL32S50, 32L-X2000)	AA
R710	VRD-RM2HD470J	J	47 1/2W Carbon (36L-X2000)	AA
R711	VRD-RA2BE182J	J	1.8k 1/8W Carbon	AA
R713	VRD-RA2EE152J	J	1.5k 1/4W Carbon	AA
▲ R715	VRS-RG3DB153J	J	15k 2W M-Ox.	AA
▲ R723	VRN-RL3LBR56J	M	0.56 3.0W M-Film	AB
R724	VRS-RG2HC332J	J	3.3k 1/2W M-Ox.	AA
▲ R725	VRS-RG3AB182J	J	1.8k 1W M-Ox.	AA
R726	VRS-RG2HC102J	J	1.0k 1/2W M-Ox. (36L-X2000)	AA
R734	VRD-RM2HD124J	J	120k 1/2W Carbon	AA
▲ R737	VRN-RL3DBR56J	M	0.56 2W M-Film	AA
R751	VRD-RA2BE473J	J	47k 1/8W Carbon	AA
▲ R753	VRS-RG3AB391J	M	390 1W M-Ox.	AA
R760	VRD-RA2EE822J	J	8.2k 1/4W Carbon	AA

SWITCH

S502	QSW-B0015CEZZ	J	V-Center	AC
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MISCELLANEOUS PARTS

▲ RY701	RRLYJ0081CEZZ	J	Relay	AL
▲ F701	QFS-B5023CEZZ	J	Fuse 5A AC125V	AC
FB501	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB601	RBLN-0047CEZZ	J	Ferrite Bead	AB
FB671	RBLN-0047CEZZ	J	Ferrite Bead	AB
FB701	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB702	RBLN-0036CEZZ	J	Ferrite Bead	AB
FB704	RBLN-0037CEZZ	J	Ferrite Bead	AB
FB706	RBLN-0037CEZZ	J	Ferrite Bead	AB
FH701	QFSDH1013CEZZ	J	Fuse Holder	AC
FH702	QFSDH1014CEZZ	J	Fuse Holder	AC
P501	QPLGN0961CEZZ	J	Plug 9-Pin(C)	AD
P601	QPLGN0161FJZZ	J	Plug 6-Pin(K)	AC
P602	QPLGN0861CEZZ	J	Plug 8-Pin(D)	AC
P621	QPLGN0661CEZZ	J	Plug 6-Pin(BBN) (32L-X2000,36L-X2000)	AD
P622	QPLGN0461CEZZ	J	Plug 4-Pin(YBN) (32L-S500, CL32S50)	AB
P651	QPLGN0361CEZZ	J	Plug 3-Pin(TP651-3)	AB
P701	QPLGN0404CEZZ	J	Plug 4-Pin(M)	AB

Ref. No.	Part No.	★	Description	Code
P703	QPLGN0269GEZZ	J	Plug 2-Pin(P)	AB
P705	QPLGN1061CEZZ	J	Plug 10-Pin(H)	AC
P707	QPLGN0160CEZZ	J	Plug 1-Pin(SG)	AB
RDA501	PRDAR0234PEFW	R	Heat Sink, for IC501	AH
RDA601	PRDAR0150PEFW	R	Heat Sink, for Q602	AL
RDA671	PRDAR1007MEFW	M	Heat Sink, for Q673	AF
RDA701	PRDAR1006MEFW	M	Heat Sink, for IC701	AF
RDA702	PRDAR0139PEFW	R	Heat Sink, for IC702 (36L-X2000)	AC
	QCNW-0251MEZZ	M	Connecting Cord	AB
	LX-BZ3049GEFD	J	Screw	AA
	LX-HZ3007MEFD	M	Screw	AA

Ref. No.	Part No.	★	Description	Code
PWB-F: DUNTK9514WEK1(32L-S500,CL32S50)				
PWB-F: DUNTK9514WEK2(32L-X2000,36L-X2000)				
CONTROL UNIT				

DIODES

D4002	RH-PX0383CEZZ	J	LED Power	AC
D4003	RH-PX0383CEZZ	J	LED V-LIM	AC

CAPACITOR

C4001	VCEA0A1HW475M	J	4.7 50V Electrolytic	AB
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RESISTORS

R4001	VRD-RA2BE103J	J	10k 1/8W Carbon	AA
R4003	VRD-RA2BE273J	J	27k 1/8W Carbon	AA
R4004	VRD-RA2BE563J	J	56k 1/8W Carbon	AA
R4005	VRD-RA2EE331J	J	330 1/4W Carbon	AA
R4006	VRD-RA2BE563J	J	56k 1/8W Carbon	AA
R4007	VRD-RA2BE123J	J	12k 1/8W Carbon	AA
R4008	VRD-RA2EE750J	J	75 1/4W Carbon	AA
R4009	VRD-RA2BE153J	J	15k 1/8W Carbon	AA
R4010	VRD-RA2BE272J	J	2.7k 1/8W Carbon	AA

SWITCHES

S4001	QSW-K0079GEZZ	J	Power	AB
S4002	QSW-K0079GEZZ	J	CH-Up	AB
S4003	QSW-K0079GEZZ	J	CH-Down	AB
S4004	QSW-K0079GEZZ	J	Vol-Up	AB
S4005	QSW-K0079GEZZ	J	Vol-Down	AB

MISCELLANEOUS PARTS

J4001	QJAKE0179CEZZ	J	Jack Audio-IN(L)	AB
J4002	QJAKE0180CEZZ	J	Jack Audio-IN(R)	AB
J4003	QJAKE0181CEZZ	J	Jack Video-IN	AC
P4001	QPLGN0461CEZZ	J	Plug 4-Pin(YR)	AB
P4002	QPLGN0561CEZZ	J	Plug 5-Pin(KA)	AB
P4003	QPLGN0661CEZZ	J	Plug 6-Pin(EJ)	AD
RMC4001	RRMCU0230CEZZ	J	R/C Receiver	AF
	or			
	RRMCU0231CEZZ			
	QCNW-0182MEZZ	M	Connecting Cord	AF
	QCNW-0183MEZZ	M	Connecting Cord	AC
	QCNW-0184MEZZ	M	Connecting Cord	AR

— End of CONTROL UNIT —

Ref. No.	Part No.	★	Description	Code
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CABINET PARTS**32L-S500/CL32S50**

1	CCABA1312MES0	M	Front Cabinet Ass'y	BL
1-1	<i>Not Available</i>	—	Front Cabinet	—
1-2	GCOVA1040MEKA	M	Cover for R/C	AG
1-3	HBDGB1009MESA	M	Badge,"SHARP"	AD
1-4	JBTN-1105MEKA	M	Button,(Power, Vol-up/down, CH-up/down)	AE
2	GCABB1139MEKA	M	Rear Cabinet	BF

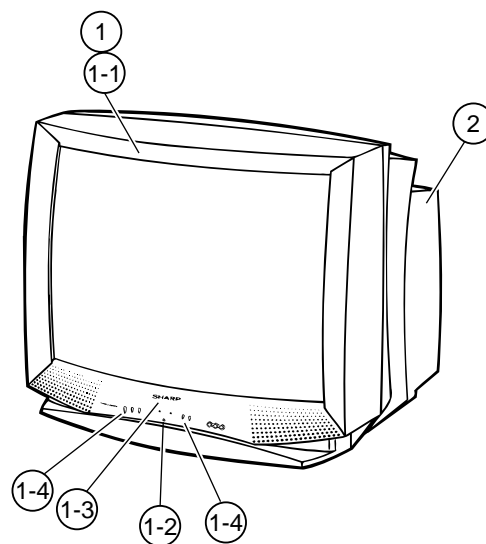
32L-X2000

1	CCABA1313MES0	M	Front Cabinet Ass'y	BL
1-1	<i>Not Available</i>	—	Front Cabinet	—
1-2	GCOVA1040MEKA	M	Cover for R/C	AG
1-3	HBDGB1009MESA	M	Badge,"SHARP"	AD
1-4	JBTN-1105MEKA	M	Button,(Power, Vol-up/down, CH-up/down)	AE
2	GCABB1139MEKA	M	Rear Cabinet	BF

36L-X2000

1	CCABA1314MES0	M	Front Cabinet Ass'y	BQ
1-1	<i>Not Available</i>	—	Front Cabinet	—
1-2	GCOVA1040MEKA	M	Cover for R/C	AG
1-3	HBDGB1010MESA	M	Badge,"SHARP"	AD
1-4	JBTN-1105MEKA	M	Button,(Power, Vol-up/down, CH-updown)	AE
2	GCABB1141MEKA	M	Rear Cabinet	BH

— End of CABINET PARTS —

CABINET PARTS LOCATION

Ref. No.	Part No.	★	Description	Code
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MISCELLANEOUS PARTS

△ ACC701	QACCD3065CESA	M	AC Cord	AN
	QCNW-0145MEZZ	M	Connecting Cord (32L-S500, CL32S50)	AG
	QCNW-0185MEZZ	M	Connecting Cord (36L-X2000)	AC
	QCNW-0187MEZZ	M	Connecting Cord (32L-X2000)	AD
	QCNW-0188MEZZ	M	Connecting Cord	AD
	QCNW-0190MEZZ	M	Connecting Cord	AE
	QCNW-0191MEZZ	M	Connecting Cord	AD
	QCNW-0192MEZZ	M	Connecting Cord	AD
	QCNW-0193MEZZ	M	Connecting Cord	AE
	QCNW-0195MEZZ	M	Connecting Cord	AF
	QCNW-0240MEZZ	M	Connecting Cord (32L-X2000, 36L-X2000)	AD
	QCNW-0241MEZZ	M	Connecting Cord (32L-X2000, 36L-X2000)	AC
	QCNW-0243MEZZ	M	Connecting Cord (32L-S500, CL32S50)	AC
	QCNW-0250MEZZ	M	Connecting Cord	AC
SP1	VSP1206PB396E	M	Speaker(L)	AN
SP2	VSP1206PB396E	M	Speaker(R)	AN

— End of MISCELLANEOUS PARTS —

Ref. No.	Part No.	★	Description	Code
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PACKING PARTS
(NOT REPLACEMENT ITEM)

	SPAKC0631MEZZ	—	Packing Case (32L-S500)	—
	SPAKC0632MEZZ	—	Packing Case (32L-X2000)	—
	SPAKC0633MEZZ	—	Packing Case (36L-X2000)	—
	SPAKX0171MEZZ	—	Buffer Material (32L-S500, CL32S50)	—
	SPAKX0172MEZZ	—	Buffer Material(36L-X2000)	—
	SPAKP0030MEZZ	—	Wrapping sheet	—

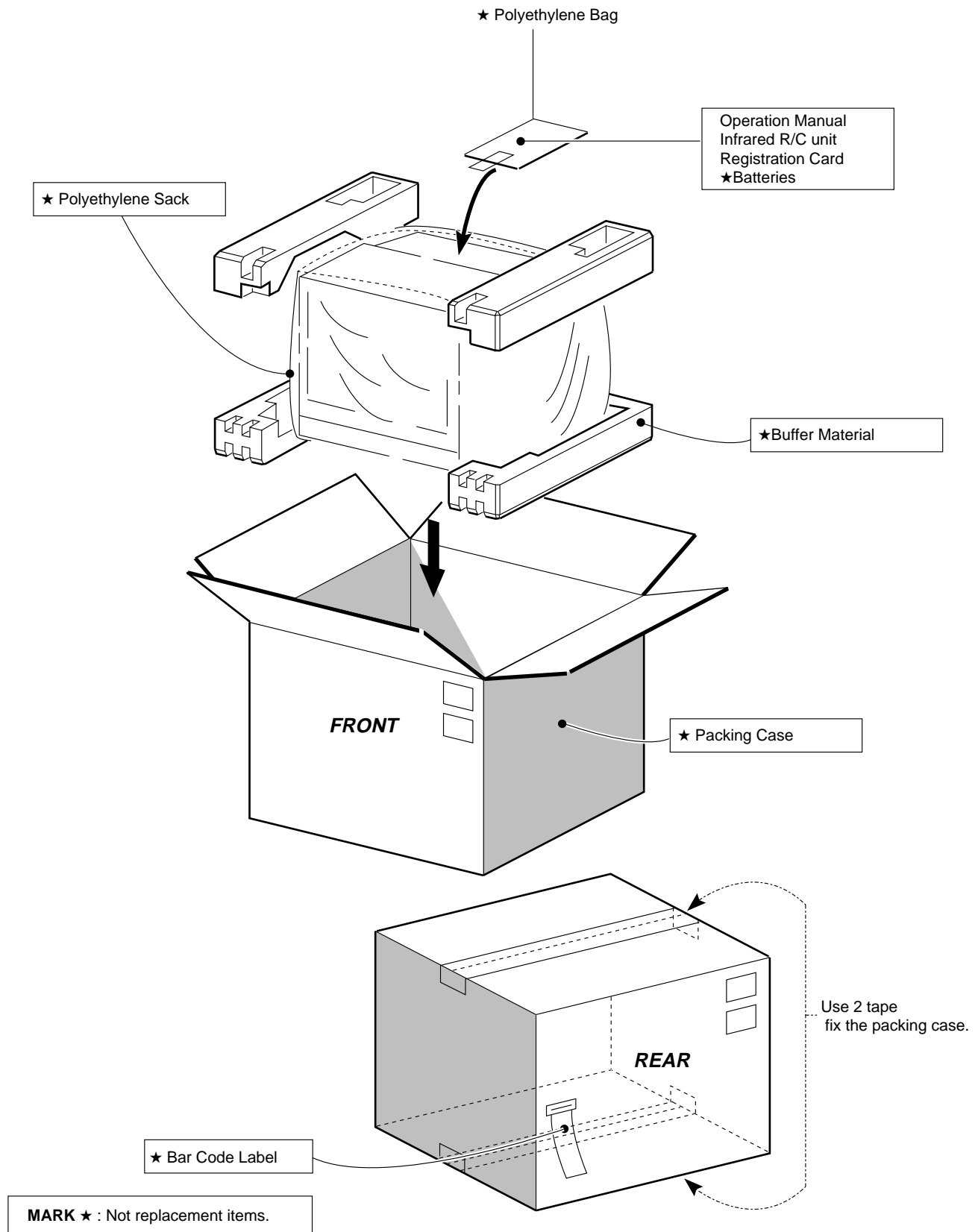
— End of PACKING PARTS —

SUPPLIED ACCESORRIES

	TGAN-1006MEZZ	M	Resistration Card	AA
	TiNS-6602MEZZ	M	Operation Manual (32L-S500,CL32S50)	AD
	TiNS-6603MEZZ	M	Operation Manual (32L-X2000,36L-X2000)	AD
	RRMCG1494CESA	M	Infrared R/C Unit (32L-S500,CL32S50)	AU
	RRMCG1419CESA	M	Infrared R/C Unit (32L-X2000,36L-X2000)	AW

— End of SUPPLIED ACCESSORIES —

PACKING OF THE SET



SHARP

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